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FINAL BASEWIDE QUARTERLY GROUNDWATER MONITORING SECOND SEMI ANNUAL REPORT VOLUME 2 APPENDICES NAS FORT WORTH TX
6/1/1996
LAW ENGINEERING AND ENVIRONMENTAL

294 0 File: 17G
A.F.

NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 294

File: 17A-60
A.F. 294

294 1

11-3517-3201

INSTALLATION RESTORATION PROGRAM (IRP) BASEWIDE QUARTERLY GROUND-WATER MONITORING SECOND SEMIANNUAL REPORT

VOLUME 2: APPENDICES

Naval Air Station Fort Worth
Joint Reserve Base, Carswell Field
Fort Worth, Texas

June 1996

Final

PREPARED FOR

AIR FORCE BASE CONVERSION AGENCY (AFBCA/OL-H)
NAVAL AIR STATION FORT WORTH JOINT RESERVE BASE, CARSWELL FIELD
FORT WORTH, TEXAS 76127-5000

UNITED STATES AIR FORCE
AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE (AFCEE/ERB)
BROOKS AIR FORCE BASE, TEXAS 78235-5328

CONTRACT NO.: F41624-94-D-8050

DELIVERY ORDER 0001

TAB

APPENDIX A

APPENDIX A

REFERENCES

REFERENCES

CH2M Hill, 1984. Installation Restoration Program Phase I Records Search for Carswell AFB; CH2M Hill, February 1984.

ES, 1993. Draft Bioventing Test Work Plan for Petroleum, Oil, and Lubricant Tank Farm Site ST-14, Carswell AFB, Texas; Engineering-Science, Inc., April 1993.

ES, 1994. Personal communication between Engineering-Science, Inc., and Law Environmental, Inc., October 1994.

IT, 1994. Personal communication between International Technology Corporation and Law Environmental, Inc., October 1994.

LAW, 1995a. Installation Restoration Program (IRP) Basewide Quarterly Ground-Water Monitoring Final Sampling and Analysis Plan, Naval Air Station Fort Worth, Joint Reserve Base, Carswell Field, Fort Worth, Texas, Law Environmental, Inc., March 1995.

LAW, 1995b. Final - Revised Site-Specific Ground-Water Analyses Letter Report, Basewide Well Monitoring, Naval Air Station Fort Worth, Joint Reserve Base, Carswell Field, Fort Worth, Texas, Law Environmental, Inc., March 1995.

LAW, 1996. Installation Restoration Program (IRP) Basewide Quarterly Ground-Water Monitoring, First Semiannual Report, Naval Air Station Fort Worth, Joint Reserve Base, Carswell Field, Fort Worth, Texas, Law Environmental, Inc., March 1996.

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Radian, 1986. Installation Restoration Program Phase II - Confirmation/Quantification Stage 1; Final Report for Carswell AFB, Texas, October 1986.

Radian, 1991a. Remedial Investigation Report for the East Area; Final Report for Carswell AFB, Texas, October 1991.

Radian, 1991b. Feasibility Study Report for the East Area; Final Report for Carswell AFB, Texas, October 1991.

TNRCC, 1993. Final Risk Reduction Standards, Texas Administrative Code, Title 30, Chapter 335, Industrial Solid Waste and Municipal Hazardous Waste in General, Subchapter A, Risk Reduction Standards (TWC 335.551-335.568), June 15, 1993.

USACE, 1991. Carswell Air Force Base, Texas, Work Plan SWMU No. 64 French Underdrain System and SWMU No. 67 Building 340 Oil/Water Separator, U.S. Army Corps of Engineers, Fort Worth District, October 1991.

USEPA, 1987. Data Quality Objectives for Remedial Response Activities - Development Process, EPA/540/G-87/003, U.S. Environmental Protection Agency (USEPA), Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, Office of Solid Waste and Emergency Response, Washington, D.C., March 1987.

USEPA, 1988. Laboratory Data Validation: Functional Guidelines for Evaluating Inorganics Analyses, U.S. Environmental Protection Agency (USEPA), Hazardous Site Evaluation Division, Washington, D.C., July 1988.

USEPA, 1990. National Functional Guidelines for Organic Data Review (Draft), Multi-media Multi concentration (OLM01.0) and Low Concentration Water (OLC01.0), U.S. Environmental Protection Agency (USEPA), Contract Laboratory Program, Washington, D.C., December 1990, Revised June 1991.

294.5

USGS, 1993. Personal communication between LAW and J. Bartelino (Project Chief, U.S. Geological Survey, Austin, Texas), October 20, 1993.

TAB

APPENDIX B

APPENDIX B

TASK DESCRIPTION

NOTICE COPY 94 7 55X

ORDER FOR SUPPLIES OR SERVICES

1. PAGE 1 OF 5

2. PROC INSTRUMENT ID NO. (PIN)	3. CALL/ORDER NO.	4. DATE OF ORDER*	5. REQUISITION/PURCHASE REQUEST PROJECT NO.	6. CERTIFIED FOR NATIONAL DEFENSE UNDER DDC REG 3/DMS REG 1 RATING
F41624-94-D-8050	0001	MAIL DATE	FY762494-08072,01	

MARK ALL PACKAGES & PAPERS WITH THIS NUMBER.

7. ISSUED BY CODE FA8900

DEPARTMENT OF THE AIR FORCE
AIR FORCE MATERIEL COMMAND
HSC/PK, 8005 9th Street
BROOKS AFB, TX 78235-5353
BUYER: MARY JO BOLDT, HSC/PKVCC
PHONE: (210) 536-4510

8. ADMINISTERED BY CODE S1103A

DCMAO ATLANTA
805 WALKER ST
MARIETTA GA 30060-2789

LAW ENVIRONMENTAL
OCT 03 1994
DUPLICATE GOVERNMENT SERVICES

9. CONTRACTOR NAME AND ADDRESS CODE 0CAN6 FACILITY CODE

MAIL DATE
SEP 26 1994
BRAC

LAW ENVIRONMENTAL, INC
114 TOWNPARK DRIVE
KENNESAW, GA 30144-5569

COUNTY: COBB
PHONE: (404) 499-6800

IF "9" FOR MULTIPLE FACILITIES SEE SECT "G"

10. MAIL INVOICES TO

11. DISCOUNT FOR PROMPT PAYMENT

1 ST ____ % ____ DAYS ____ NET DAYS
2 ND ____ % ____ DAYS ____ OTHER
3 RD ____ % ____ DAYS ____ IF "9" SEE SECT "B"

12A. PURCHASE OFFICE POINT OF CONTACT

MVA/M2V/MXH

12B. RESERVED FOR SERVICE/AGENCY USE

13. PAYMENT WILL BE MADE BY CODE SC1020 IF "9" SEE SECT "G"

DFAS-COLUMBUS CENTER
DFAS-CO/SOUTHEAST
P.O. BOX 182225
COLUMBUS OH 43218-2225

CI-2905
11-
CC: SFO JWS PR
GWS DTY CPT
FDS ALM
SM SJT JEC

14. TYPE CONTRACTOR: C

15. SECURITY A. CLAS: U B. DATE OF DD 254

16. CONTRACT ADMINISTRATION DATA

A. FAST PAY B. CONTRACT (1) KIND: I (2) TYPE: Y C. ABSTRACT RECIP ADP POINT D. SPL CONT PROVISIONS E. CONT ADMIN FUND LMT

17. (RESERVED)

18. SVC/AGENCY USE

19. SURV CRIT: C

20. TOTAL AMOUNT

CEILING AMOUNT
$845,823.00 X

21. APPROPRIATION AND ACCOUNTING DATA

A. SCTY CLAS B. ACRN C. APPROPRIATION D. LIMIT SUBHEAD E. SUPPLEMENTAL ACCOUNTING CLASSIFICATION

F. CPN RECIPIENT DODAAD G. OBLIGATION AMOUNT H. NON-CLIN / ELIN PAYMENT PROV I. SVC AGENCY USE

SEE SECTION G

22A. TYPE OF ORDER

DELIVERY X

PURCHASE

B. NON-DOD CONTRACT NO.

This delivery order is subject to instructions contained on this side of form only and is issued in accordance with and subject to terms and conditions of above numbered contract, or Non-DOD Contract No.

Reference your

Furnish the following on terms specified herein, including, for U.S. purchases, General Provisions of Purchase Order on DD Form 1155 - (EXCEPT CLAUSE NO 16 APPLIES ONLY IF THIS BOX IS CHECKED, AND NO 18 IF THIS BOX IS CHECKED), special provisions ____ and delivery is indicated. This purchase is negotiated under authority of 10 USC 2304(c)( ) or as specified in the schedule if within the U.S., its possessions or Puerto Rico; if otherwise, under 2304(a)(9).

If checked Additional General Provisions apply, supplier shall sign "Acceptance" on DD Form 1155 and return copies.

* If quantity accepted by the Government is same as quantity ordered, indicated by ✓ mark. If different enter actual quantity accepted below quantity ordered and encircle.

23. UNITED STATES OF AMERICA

Joseph Langenderfer
JOSEPH LANGENDERFER
By: NAME OF CONTRACTING/ORDERING OFFICER AND DATE

94 Sept 26 (YYMMDD)

24. TOTAL

25. DIFFERENCES

25. QUANTITY ORDERED HAS BEEN

INSPECTED RECEIVED ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS STATED

DATE SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

26. SHIP NO.

PARTIAL FINAL

27. D.O. VOUCHER NO.

28. INITIALS

29. PAYMENT COMPLETE PARTIAL FINAL

31. PAID BY

32. Amount Verified Correct For

33. CHECK NUMBER

34. BILL OF LADING NO.

35. I CERTIFY THIS AMOUNT IS CORRECT AND PROPER FOR PAYMENT

SIGNATURE AND TITLE OF CERTIFYING OFFICER

36. RECEIVED AT 37. RECEIVED BY 38. DATE RECEIVED 39. TOTAL CONTAINERS 40. S/R ACCOUNT NUMBER 41. S/R VOUCHER NO.

PREVIOUS EDITION IS OBSOLETE

*When used as a formal contract this will be the effective date.

AFMC Form 700, JUL 92

REPLACES AFSC FORM 700, AUG 80 WHICH IS OBSOLETE

1. In accordance with the provisions of the Basic Contract F41624-94-D-8050 and this Delivery Order 0001, the contractor shall accomplish the effort described in the Statement of Work (SOW), dated 3 SEP 94 attached hereto, entitled "Installation Restoration Program, Base Wide Well Monitoring, Carswell AFB, TX", at a total ceiling price of $845,823.00.

2. SECTION B - SUPPLIES/SERVICES

Item No	Supplies/Services	Quantity Purch Unit	Unit Price Total Item Amount
0001	INFO CLIN Sec Class: U		
	noun: INVESTIGATION, ASSESSMENT, SURVEY and ANALYSIS type contract: Y		
	descriptive data: The contractor shall perform work in accordance with the Statement of Work (SOW) of this Order and Section C, Description/ Specifications/Work Statement of the Basic Contract.		
0001AF	SUBCLIN ESTABLISH Sec Class: U	1 LO	$ 348,785.00
	noun: INVESTIGATION ASSESSMENT, SURVEY AND ANALYSIS acm: XA nsn: N site codes pqa: D acp: D fob: D pr/mipr data: FY7624-94-08072, Amendment 01 & 02 item proj mgr: U		
	descriptive data: The contractor shall perform Supplemental Phase II EBS Investigations in accordance with INFO CLIN 0001.		
0004	INFO CLIN Sec Class: U		
	noun: SUPPORT type contract: Y		
	descriptive data: The contractor shall provide support in accordance with the Statement of Work (SOW) of this order and Section C, Description/Specifications/ Work Statement of the Basic Contract.		

Item No	Supplies/Services	Quantity Purch Unit	Unit Price Total Item Amount
0004AA	SUBCLIN ESTABLISH Sec Class: U	1 LO	$ 497,038.00

noun: SUPPORT
acm: XA nsn: N
site codes pqa: D acp: D fob: D
pr/mipr data: FY7624-94-08072, Amendment 01 & 02
item proj mgr: U

descriptive data:
The contractor shall provide support as necessary during the performance of SUBCLINS 0001AF, 0004AA and 0005AF.

0005	INFO CLIN Sec Class: U		

noun: DATA
type contract: Y
descriptive data:
The contractor shall provide data in this delivery order in accordance with the basic contract, Exhibit A, Contract Data Requirements List (CDRL), DD Form 1423.

0005AF	SUBCLIN ESTABLISH Sec Class: U	1 LO	*NSP

noun: DATA
acm: XA nsn: N
site codes pqa: D acp: D fob: D
pr/mipr data: FY7624-94-08072, Amendment 01 & 02
item proj mgr: U

descriptive data:
The contractor shall provide data in accordance with INFO CLIN 0005.

The price of this SubCLIN is included in SubCLINs 0001AF and 0004AA.

* Not Separately Priced

3. SECTION C - DESCRIPTION/SPECIFICATIONS:

Work shall be performed in accordance with the attached SOW entitled, "Installation Restoration Program, Base Wide Well Monitoring, Carswell AFB, TX", dated 3 SEP 94.

4. SECTION F - DELIVERY SCHEDULE DATA:

Item No	Supplies Schedule Data	Delivery Quantity	Schedule Date
0001AF	SUBCLIN ESTABLISH Del Sch Sec Class: U acrn: XA ship to: U descriptive data: Conduct work in accordance with the Statement of Work (SOW) of this order, dated 3 SEP 94 and Section C, The Description/Specifications of the Basic Contract.	1	96JAN31
0004AA	SUBCLIN ESTABLISH Del Sch Sec Class: U acrn: XA ship to: U descriptive data Support shall be provided as required during the performance of CLIN 0001AF, 0004AA and 0005AF.	1	96JAN31
0005AF	SUBCLIN ESTABLISH Del Sch Sec Class: U acrn: XA ship to: U descriptive data: Provide data in accordance with the Statement of Work (SOW) of this order, dated 3 SEP 94 and Section C of the basic contract.	1	96JAN31

5. SECTION G - ACCOUNTING CLASSIFICATION DATA - is modified as follows:

ACRN	Acct Class Data	Appropriation/Lmt Subhead/CPN Recip DODAAD Supplemental Accounting Classification	Obligation Amount
AA	Account Establish Unclassified	97X05010.1102 F28500 2R2 3101 722000 000000 AMZ00 000000 528500	$345,800.00
AB	Account Establish Unclassified	97X05010.1102 F28500 2R3 3101 660000 000000 AMZ00 000000 528500	$500,023.00

pr/mipr data: FY7624-94-08072 and Amend 01

XA SPECIAL ACRN ESTABLISH
UNCLASSIFIED

ACRN AA: $ 345,800.00
ACRN AB: $ 500,023.00
TOTAL: $ 845,823.00

FINANCE OFFICE: PAY WITH OLDEST FUNDS FIRST

6. SECTION H - SPECIAL CONTRACT REQUIREMENTS -

AF FAR SUP CLAUSE 5352.245-9000, entitled "Base Support" - paragraph (f) - SEE ATTACHMENT 2.

7. SECTION J - LIST OF ATTACHMENTS

Attachment No.	Title	Date	Page(s)
1	Statement of Work Installation Restoration Program, Base Wide-Well Monitoring. Carswell AFB, TX	3 SEP 94	15
2	Base Support	Undated	1
3	Davis-Bacon Wage Decision Number TX940046	08 JUL 94	2
4	Small Business and Small Disadvantaged Business Subcontracting Plan	31 AUG 94	4

3 Sep 94 294 12

STATEMENT OF WORK
INSTALLATION RESTORATION PROGRAM
BASE WIDE WELL MONITORING
CARSWELL AFB, TX

I. INTRODUCTION

1.0 PURPOSE

The purpose of this Statement of Work (SOW) is to provide services, technical man-hours and material for basewide well monitoring at Carswell AFB, TX. Additional services include conducting a records search of historical site specific information in order to determine the exact number, location, and likely contaminants present in the wells.

1.1 SCOPE

1.1.1 In carrying out any work assignment issued, the contractor shall furnish the necessary personnel, services, equipment, materials, facilities and otherwise do everything necessary for or incidental to, the performance of work set forth herein.

1.1.2 Primary services to perform long term basewide well monitoring for all base wide wells (approximately 70 total) at Carswell AFB, TX shall include, but not be limited to, groundwater sampling and analysis and establishing groundwater flow directions and contaminant plume(s). Long Term Monitoring (LTM) will continue for a period not to exceed one year. Carswell AFB closed 30 September 1993.

1.1.3 Secondary Services incidental to these services include but are not limited to technical requirements found in Annex A of the Basic Contract SOW.

II GUIDANCE DOCUMENTS

2.0 Handbook: "The Handbook", incorporated herein by reference, provides requirements for laboratory and field requirements that may be used by the Contractor. The latest version of the Handbook is provided under separate cover as Government Furnished Information (GFI).

2.1 Background Guidance: The Contractor shall follow RCRA guidelines/formats for this investigation. The Installation Restoration Program (IRP) Handbook referenced in this Statement of Work provides guidance for laboratory and field activities that may be used by the contractor. In addition, other lab methods or field activities that are approved by AFCEE, TNRCC and US EPA may also be used . The work outlined in the SOW shall be performed in accordance with rules and regulations set forth by the U.S. Environmental Protection Agency (US EPA), Occupational Safety and Health Administration (OSHA), Texas Natural Resource Conservation Commission (TNRCC), applicable requirements of other guidance documents including, but not limited to, the

most current version of the applicable portions of the documents cited in paragraph 2.1 of the basic contract SOW and those sited below:.

a) Occupational Safety and Health Administration (OSHA) regulations
b) Department of Transportation regulations
c) National Environmental Policy Act (NEPA)
d) Clean Water Act (CWA)
e) Clean Air Act (CAA)
f) Toxic Substances Control Act (TSCA)
g) Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments.
h) National Oil & Hazardous Substances Contingency Plan (NCP) 40 CFR 300
i) EPA Permit for Authorization to operate under the Resource Conservation and Recovery Act (EPA ID No. TX0571924042) issued 7 February 1991

III GENERAL REQUIREMENTS

3.0 MEETINGS, CONFERENCES, SITE VISITS

3.0.1 Post Award Meeting: After the issuance of a delivery order, the Contractor shall attend a post award meeting at the base. The purpose of the meeting shall be to familiarize the Contractor with the work and gather site specific information necessary to conduct basewide LTM.

3.0.2 Progress Meetings/ Base Realignment and Closure (BRAC) Cleanup Plan (BCP) Meetings: A maximum of two (2) contractor personnel, including the project leader, shall attend an estimated ~~ten (10)~~ ***eight (8)*** meetings at Carswell AFB. Each meeting shall be two 8-hour workdays in duration. The contractor shall prepare a summary for technical meetings identified above. All meetings shall be coordinated by the TC.

3.0.3 Not applicable.

3.1 SPECIAL NOTIFICATION

3.1.1 Health Risks: The contractor shall immediately report to the AFCEE/ESB TC, via telephone, any data or results generated during this investigation which may indicate an imminent health risk. Following this telephone notification, a written notice shall be prepared and delivered within three (3) days. This notification shall include supporting documentation.

3.1.2 Change of Contractor Personnel: As specified in individual delivery orders, an organization chart displaying key personnel involved in the effort and their respective labor categories shall be submitted with the first monthly Status Report. The contractor shall notify the COR of all professional personnel to work on specific tasks under the delivery order. The contractor shall notify the COR of any significant changes in project personnel along with the steps that the contractor is taking to ensure there are no impacts to the schedule or individual tasks.

3.2 LABORATORIES

3.2.1 General: The contractor shall utilize a laboratory only with prior approval from the Air Force Center for Environmental Excellence (AFCEE). The contractor shall submit laboratory reporting limits and the methods by which they were derived to AFCEE. All labs shall be capable of meeting Data Quality Objectives (DQOs) specified in delivery order project specific Sampling and Analysis Plans (SAP).

3.2.2 to 3.4 Not applicable

IV WORK TASKS: The work shall include but not limited to:

4.0 PLAN DEVELOPMENT: The contractor shall prepare for approval by AFCEE several project specific plans, including schedules, Work Plans (WPs), Sampling and Analysis Plans (SAPs), Health and Safety Plan (HSP) Addendum. The Contracting Officer (CO), AFCEE COR and ~~the~~ Base POC shall be notified in writing prior to any modification to or deviation from, any activity described in these documents.

4.1 DELIVERY ORDER SCOPING

4.1.1 Pre-survey: Within three weeks of the effective date of delivery order, the contractor shall visit Carswell AFB, TX to ensure a complete understanding of site conditions. Coordinate this visit with the AFCEE/ESB TC. The contractor shall visit and inspect the sites and make all preliminary studies of: monitor well location, accessibility, number of sampling locations, number and type of personnel required, number and type of tests required, special or modified sampling equipment required and identify groundwater monitoring procedures to insure that activities comply with applicable regulations and standards. The contractor shall observe the physical setting of the sites to formulate the specific field investigation. The findings of the pre-survey shall be used to prepare the Work Plan and SAP required for this effort.

4.1.2 Pre-mobilization Survey: The contractor shall determine, by registered land surveyor, X,Y and Z coordinates of any monitor well(s) that has not been previously surveyed. Assume that an estimated 10 wells will require surveying.

4.2 Not applicable

4.3 SUPPLEMENTAL REMEDIAL INVESTIGATION (RI)

4.3.1 Supplemental RI: The contractor shall conduct the following tasks to achieve the purposes stated herein, in compliance with approved scoping documents and all applicable regulations and requirements. The LTM shall comply with the following requirements.

4.3.1.1 Field Requirements: Conduct field investigations to characterize environmental conditions through the collection of environmental samples, the laboratory analysis of those samples for potential contaminants, the evaluation of the analytical results and field measurements with respect to quality control data, and the interpretation and analysis of validated data.

4.3.1.2 Data Collection, Sampling, and Analysis Procedures: The contractor shall conduct field activities associated with groundwater sampling, and laboratory analyses in accordance with applicable State and Federal Regulations. The contractor shall conduct the activities described in the project Work Plan and Sampling and Analysis Plan for this task. The field investigation (including all sampling operations) shall be supervised by a geologist, hydrogeologist or professional engineer. A detailed log of field conditions shall be maintained. Decisions on site investigation locations and all details of the field investigation shall be made collectively by the Base POC, TC and the contractor's field or project supervisor.

4.3.1.3 Site Specific Requirements: The contractor shall determine groundwater flow patterns and the type and extent of groundwater contamination. This will be carried out by collecting four (4) rounds (One round per quarter) of groundwater samples from each of the approved base monitor wells and analyze the groundwater samples for historical and site specific constituents. Groundwater flow contour maps and groundwater contaminant plume contour maps for contaminants found in the shallow aquifer should be developed for each round of sampling. Sampling data and groundwater maps will be submitted semi-annually. Annex A, Table A-1, specifies anticipated analytical methods for analyses.

4.3.1.4 Regulatory Requirements and Permits.

4.3.1.4.1 All well development and purging, laboratory analysis, and other activities pursuant to this effort shall be conducted in strict accordance with all applicable authorities with jurisdiction over such activities. The contractor shall complete permits, applications, other documents, and proficiency tests required by the regulatory agencies. The contractor shall file documents with appropriate agencies and pay all applicable permit and filing fees. Describe compliance activities in the correspondence appendix to the Technical Report.

4.3.1.4.2 The contractor shall containerize materials suspected to be hazardous in accordance with applicable requirements, the Handbook, and the approved Plans. The contractor shall transport these containerized materials to a location within the installation boundary designated by the base POC. The contractor is responsible for transporting all hazardous and non-hazardous containerized materials to a permitted disposal facility off base. Technical requirements for transporting wastes off-site are included in Annex A of this SOW.

4.4 to 4.6 Not applicable

4.7 OTHER ENVIRONMENTAL ACTIVITIES: The contractor shall conduct other studies, which shall include but not limited to, performing a records search of historical site information prior to field mobilization in order to determine the exact number and location of wells and determine what site specific constituents are most likely to be present in the groundwater. A recommendation of wells which are not suitable or optimally located for groundwater flow and contaminant plume(s) determination

should be included in a letter report. Table A-1 in Annex A contains proposed analytical methods anticipated for this effort.

4.7.1 to 4.7.4 Not applicable

4.8 DELIVERABLES

4.8.1 Scoping, Planning Documents

4.8.1.1 Monthly Status Reports: The contractor shall submit financial and management reports utilizing the standardized Work Breakdown Structure to describe the status of expenditure of funds correlated with the progress of the work completed. Reports shall provide current status and projected requirements of funds, man-hours, and work completion: indicate the progress of work and status of the program and assigned tasks; and inform of extension or potential problem areas. (A001, A003)

4.8.1.2 Health and Safety Plan Addendum: The contractor shall provide a written HSP Addendum (to the extent possible utilize existing Corporate Health and Safety Plan, previously developed HSP, and tailor to the specifics of the current effort). Comply with USAF, OSHA, EPA, state, and local health and safety regulations regarding the proposed work effort. Use EPA guidelines for designating the appropriate levels of protection needed at the study site. The Health and Safety Plan shall provide no less protection than the protection required in the manual entitled "Health and Safety Requirements for Employees Engaged in Field Activities" dated 1981 and the "Occupational Safety and Health Guidance Manual for Hazardous Waste Sites Activities" dated 1985 and 29 CFR 1910. Coordinate the Health and Safety Plan directly with applicable regulatory agencies prior to submittal to AFCEE/ESB. Provide coordination prior to the start of field work. The contractor shall certify to AFCEE/ESB that it has reviewed the approved Health and Safety Plan with each employee with appropriate flowdown to subcontractor's employees prior to the time each employee engages in field activities.

4.8.1.3 to 4.8.1.5 Not applicable

4.8.1.6 Work Plan: Prepare a Work Plan for the groundwater sampling, laboratory analyses, groundwater flow and contaminant plume(s) modeling, and extent of contamination plume modeling pursuant to this SOW. Incorporate review comments and obtain AFCEE/ESB approval prior to the start of field activities.

4.8.1.7 to 4.8.1.8 Not applicable

4.8.1.10 Sampling and Analysis Plan (SAP): The SAP shall consist of a Quality Assurance Project Plan (QAPP) and a Field Sampling Plan (FSP). Prepare a SAP describing how project activities will be accomplished. Incorporate review comments and obtain AFCEE/ESB approval prior to the start of field activities.

4.8.1.11. to 4.8.1.13 Not applicable

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4.8.2.1 Technical Reports:

4.8.2.1.1 Not applicable

4.8.2.1.2 Supplemental RI Report: The contractor shall submit a Technical Report which should summarize the findings of the current task. Include groundwater flow and contaminant plume(s) contour maps, compare them to Federal Maximum Contaminant Levels (MCLs) and/or TNRCC groundwater standards, and formulate conclusions and recommendations for future efforts in a Technical Report. Technical reports shall be submitted semi-annually. (A005)

4.8.2.1.3 to 4.8.2.7.3 Not applicable

4.8.3 Secondary Documents:

4.8.3.1 Reserved

4.8.3.1.1 Reserved

4.8.3.1.2 to 4.8.3.3 Not applicable

4.8.3.4 Installation Restoration Program Information Management System (IRPIMS) Data Management. The contractor shall meet the data deliverable requirements of the Installation Restoration Program Information Management System (IRPIMS). The contractor shall be responsible for recording field and laboratory data into a computerized format as required by the most current version of the IRPIMS Data Loading Handbook (mailed under separate cover). In order to perform this task, the contractor shall use the latest version of the IRPIMS Quality Control Tool (QC Tool), a PC software utility (mailed under separate cover with software manual), to quality check ASCII data files and to check all data files for compliance with requirements in the IRPIMS Data Loading Handbook. Upon request, the IRPIMS Contractor Data Loading Tool (CDLT) is available. This PC software is designed to assist the contractor in preparing the various ASCII data files.

Individual IRPIMS data files (e. g. analytical results, groundwater level data, etc.), including re submissions, shall be delivered with a transmittal letter by the contractor to the Air Force Center for Environmental Excellence (AFCEE) in sequence according to a controlled time schedule as identified in the current version of the IRPIMS Data Loading Handbook. The contractor shall include a copy of the Quality Control Tool error report, i.e. output from the QC tool, for each IRPIMS file submission. The error report shall be submitted as hard copy with the transmittal letter.

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All contractor data deliverables shall be sent to:

AFCEE/MSC BLDG 624W
ENVIRONMENTAL DATA MANAGEMENT DIVISION
ATTN: IRPIMS Data Management
8001 Inner Circle DR STE 2
Brooks AFB TX 78235-5328

In addition, the contractor shall provide a copy of the transmittal letter to the Air Force contracting office responsible for the contract, HSC/PKV (8005 9th St, Brooks AFB, TX 78235-5353) for AFCEE contracts. This letter shall identify the files included or otherwise omitted (with an appropriate explanation), the government contract and delivery order number and the Air Force point of contact that is responsible for monitoring the government contract.

The contractor shall be responsible for the accuracy and completeness of all data submitted. All data entered into the IRPIMS data files and submitted by the contractor shall correspond exactly with the data contained in the original laboratory reports and other documents associated with sampling and laboratory contractual tasks.

Each file delivered by the contractor will be electronically evaluated by AFCEE/MSC for format compliance and data integrity in order to verify acceptance. All files delivered by the contractor are required to be error-free and in compliance with the IRPIMS Data Loading Handbook. Any errors identified by AFCEE/MSC in the submission shall be corrected by the contractor.

4.8.3.5 Letter Reports.

4.8.3.5.1 General: The contractor shall deliver a Site Specific Groundwater Analyses Letter Report which shall include an anticipated list of wells to be sampled. Submit anticipated site specific laboratory analyses tables with the letter report. (A004)

4.8.3.5.2 to 4.8.3.11 Not applicable

V. DATA

5.0 DATA MANAGEMENT. The contractor shall collect, prepare, publish, and distribute the data in the quantities and types designated on the Contract Data Requirements List (CDRL). The contractor shall designate a focal point who shall integrate the total data management effort and manage change, additions or deletions of data items. In addition, the contractor shall identify items to be added, recommend revisions or deletion of items already listed on the CDRL as appropriate and maintain the status of all data deliverables.

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5.1 DATA DELIVERABLES. Data item numbers listed below apply.

SEQUENCE NUMBER	PARA NO.	BLOCK 10	BLOCK 11	BLOCK 12	BLOCK 13	BLOCK 14
A007 (Work Plan)	4.8.1.6	ONE/R	a	i	b	e
A007(SAP)	4.8.1.10	ONE/R	a	i	b	e
A004 (Letter Report)	4.8.3.5	ONE/R	a	k	b	4
A007 (Health & Safety Plan)	4.8.1.2	OTIME	a	i	b	c
A004 (ITIR IRPIMS)	4.8.3.1.4	ASREQ	a	g	-	-
A005 (Technical Report)	4.8.2.1.2	TWO/R	a	h	b	d
A003 (Status Report)	4.8.1.1	Monthly	a	-	-	5
A004 (Special Notifications)	3.1	ASREQ	a	-	-	5

NOTES:

a. The effective date of the Delivery Order.

b. Revise to incorporate AFCEE comments. Revised submittals are due no later than 15 days after the receipt of comments.

c. One draft plan addendum (5 copies), and one final plan (12 copies) are required. Incorporate Air Force comments into the draft and final plan as specified by the TC. Supply an advance copy of the drafts and final plan for acceptance prior to distribution. Distribute the remaining copies as specified by the TC.

d. One first draft report (12 copies) and one final report (15 copies plus the original camera-ready copy) are required. Incorporate Air Force comments into the drafts and final reports as specified by the TC. Supply an advance copy of the draft and final reports for acceptance prior to distribution. Distribute the remaining copies as specified by the TC. Provide one microfiche copy with the final Technical Report.

e. One draft plan (5 copies), and one final plan (12 copies) are required. Incorporate Air Force comments into the draft and final plan as specified by the TC. Supply an advance copy of the drafts and final plan for acceptance prior to distribution. Distribute the remaining copies as specified by the TC.

f. Reserved

g. Submit no later than 30 days after obtaining analytical results from the laboratory.

h. Submit no later than 30 days after completion of the semi-annual technical effort.

i. Provide within 45 days of the effective date of the Delivery Order

j. Reserved

k. Provide within 30 days of the effective date of the Delivery Order

VI. GOVERNMENT FURNISHED PROPERTY:

The base will:

6.1 Provide the contractor with existing engineering plans, drawings, diagrams, aerial photographs, etc., to facilitate evaluation of the IRP site under investigation.

6.2 Arrange for the following:

6.2.1 Personnel identification badges, vehicle passes, and/or entry permits.

6.2.2 A set of keys to the locks on any existing test/monitoring wells at Carswell AFB, TX. The keys shall be returned to the base POC by the contractor when the survey has been completed.

6.3 Additionally, upon request to AFCEE through the TC, the IRPIMS Contractor Data Loading Tool (CDLT), the IRPIMS Quality Control Tool (QC Tool), and the respective software manuals will be provided.

VII. GOVERNMENT POINTS OF CONTACT

7.1 Team Chief (TC) and Contracting Officer's Representative (COR)
Mr. Christopher D. Hobbins
AFCEE/ERB
8001 Inner Circle Dr, Ste 2
Brooks AFB, Texas 78235-5328
(512) 536-5261
Fax (210) 536-3609/9026

7.2 AFBCA/SWH (Carswell AFB) Point Of Contact
Mr. Frank Grey
Chief Environmental Engineer
Bldg 1215
Carswell AFB, TX 76127-5000
(817) 731-8758, ext. 17
Fax (817) 731-8137

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ANNEX A, TABLE A-1

Estimated Analytical Methods

294.21A

Table A-1
ESTIMATED Analytical Methods

PARAMETER	ANALYTICAL METHOD (a)	REPORTING UNITS
TPH	E418.1	mg/L
ICP Screen for metals	SW3050/ SW6010	mg/L
Purgeable Aromatic Volatiles	SW5030/ SW8020	mg/L
Volatile Organics	SW8240	mg/L
Semi Volatile Organics	SW3510/ SW8270	mg/L

Notes:

a. Unless an abbreviated list of analytes is specified under "Parameter" above, the analytical protocol shall include all analytes listed in the referenced analytical method. The methods cited are from the following sources:

"A" Methods — Standard Methods for the Examination of Water and Wastewater, 16th Edition (1985)

"E" Methods — Methods for Chemical Analysis of Water and Wastes, EPA Manual, 600/4-79-020 (USEPA, 1983--with additions)

"SW" Methods — Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition (USEPA, 1986)

"ASTM" Methods — American Society for Testing and Materials 1919 Race Street, Philadelphia, PA 19103

b. If the number of samples requiring second-column confirmation exceeds this allowance, contact the Technical Project Manager. The total number of samples listed in Tables A-3 and A-4 includes the allowance applicable to each GC method. If GC/MS, or a combination of second-column GC and GC/MS, is used, the total cost of all such analyses for a particular parameter shall not exceed the funding allowed for positive confirmation using only second-column GC.

294.22

ANNEX B
Transporting Wastes Off-site

1.0 Performance Requirements

1.1 All vehicles leaving the exclusion zone shall be decontaminated prior to leaving the project site. The contractor shall inspect all vehicles prior to their leaving the project site to ensure that the least possible amount of soil adheres to wheels and undercarriages.

1.2 The contractor shall not deliver site materials to any facility other than the approved disposal facility listed on the shipping manifest.

1.3 The contractor shall be responsible for any and all actions necessary to remedy situations involving transit of mud, soil, contaminants, and waste materials tracked off-site. This cleanup shall be accomplished at the contractor's expense.

1.4 The contractor shall prepare and submit for approval to AFCEE a route selection report containing results of any inspections of the proposed access routes to determine road conditions, overhead clearance, weight restrictions, and required traffic control measures.

1.5 The contractor shall ensure that trucks are protected against contamination by properly covering and lining them with compatible materials or by decontaminating them prior to any use other than hauling contaminated materials.

1.6 Prior to leaving the site, a load inspection of all shipments shall be conducted by a designated responsible party approved by the Contracting Officer's Technical Representative. A load inspection report shall be submitted to the Contracting Officer's Technical Representative, which shall verify and provide written documentation of the following:

1.6.1 A complete and accurate manifest.

1.6.2 Utilization of the proper DOT approved shipping container in accordance with 49 Code of Federal Regulation (CFR).

1.6.3 Labeling in accordance with DOT regulations specified by 49 CFR.

1.6.4 When required, a Bill of Lading traceable to the manifest.

1.6.5 Validation that all waste shipment containers are in good condition and are not leaking.

1.6.6 A statement that the driver is physically fit to perform his/her duties.

1.6.7 Validation that the driver has written documentation in his/her possession of completion of the required DOT safety training and health monitoring.

1.6.8 A statement that the driver's log book is current.

1.6.9 Validation that a certificate of insurance is in force.

1.7 Site materials will be stored and transported in bulk containers when practical.

BASE SUPPORT

The base shall:

1. Provide the contractor with existing engineering plans, drawings, diagrams, aerial photographs, etc., to facilitate evaluation of the IRP site under investigation.

2. Arrange for personnel identification badges, vehicle passes, and/or entry permits.

3. Provide a set of keys to the locks on the existing test/monitoring wells at Carswell AFB, TX. The keys shall be returned to the base POC by the contractor when the survey has been completed.

TAB

APPENDIX C

APPENDIX C

EXISTING MONITORING WELL DESCRIPTION SUMMARY

TABLE C

EXISTING MONITORING WELL DESCRIPTION SUMMARY
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Site Name/ SWMU #/ IRP #	Well #	Reference Point	Stickup	Elev. (ft bgs)	Ref. Pt. Elev. (ft)	TD When Installed (ft bgs)	TD (ft) When Inspected CTD (ft TOC)	Depth To Bedrock (ft bgs)	Screened Interval (ft bgs)	Strat UNIT	CASING Diam. (in)	CASING Material	Filter Pack Int. (ft bgs)	Seal Int. (ft bgs)	Remarks
Landfill 01 SWMU 28 IRP #1	LF01-1A	TOC	3.77'	566.50'	570.27'	28'	33.76	7.0'	2.8'-7.8'	AL	2"	PVC	2.6'-9.0'	1.5'-2.6'	Well in same proximity as LF01-1F
	LF01-1C	TOC	Flush	560.30'	560.00'	33.1'	32.54	33.0'	22.7'-32.7'	AL	2"	PVC	20.0'-33.1'	17.2'-20.0'	
	LF01-1D	TOC	3.43'	560.50'	563.93'	23.3'	28.14	23.0'	16.4'-22.1'	AL	2"	PVC	12.0'-23.3'	10.0'-12.0'	Inside firing range
	LF01-1E	TOC	2.85'	559.40'	562.25'	29.6'	32.12	NE	19.60' 30.35'	AL	2"	PVC	12.0' 29.6'	10.0' 12.0'	
	LF01-1F	TOC	2.76'	559.90'	562.26'	30.36'			20.01'-30.36'	AL	2"	PVC	12.5'-30.36'	10.5'-12.5'	
Landfill 04 SWMU 22 IRP #4	LF04-4A	TOC	1.16'	624.60'	625.76'	24.0'	24.79	18.0'	14.0'-24.0'	AL	2"	PVC	10.5'-24.0'	8.0'-10.5'	difficult creek access - snake potential
	LF04-4B	TOC	1.50'	618.40'	619.90'	24.0'	25.30	18.0'	13.0'-23.0'	AL	2"	PVC	12.0'-24.0'	9.0'-12.0'	creek - thick brush
	LF04-4D	TOC	2.25'	613.10'	615.35'	30.5'	27.69	30.0'	18.0'-28.0'	AL	2"	PVC	16.5'-30.5'	14.5'-16.5'	
	LF04-4E	TOC	1.04'	617.50'	618.54'	35.0'	30.76	33.7'	24.3'-35.0'	AL	2"	PVC	23.9'-35.0'	21.0'-23.9'	
	LF04-4F	TOC	2.56'	622.80'	625.36'	35.0'	37.26	?	21.0'-34.0'	AL	2"	PVC	15.5'-35.0'	13.5'-15.5'	
	LF04-04	TOC			612.07'		26.90			AL	2"	PVC			
	LF04-10	TOC			626.54'		47.40			AL	2"	PVC			
USGS Landfills 04	P2	NA		665.8'				32'	105.6-125.4 135.1-154.9	P	5.5"	PVC	NA	NA	2-3' clay separates 2 screened intervals; WCDNA
Landfill 05 SWMU #23 IRP #5	LF05-5C	TOC	1.88'	606.80'	608.68'	22.0'	20.44	20.0'	7.0'-22.0'	A	2"	PVC	6.0'-22.0'	4.0'-6.0'	
	LF05-5D	TOC	3.21'	608.50'	611.71'	20.5'	21.18	NE	10.5'-19.5'	A	2"	PVC	8.0'-20.5'	6.0'-8.0'	Difficult access due to weeds
	LF05-5G	TOC	3.39'	612.00'	615.39'	27.0'	30.22	29.0'	15.25'-26.0'	A	2"	PVC	11.0'-27.0'	9.0' 11.0'	
	LF05-02	TOC			622.69'		29.98			A	2"	PVC			
	LF05-18	TOC	Flush		611.84'		23.55			A	2"	PVC			

TABLE C

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Fort Worth, Texas

Site Name/ SWMU #/ IRP #	Well #	Reference Point	Stickup	Elev. (ft bgs)	Ref. Pt. Elev. (ft)	TD When Installed (ft bgs)	TD (ft) When Inspected CTD (ft TOC)	Depth To Bedrock (ft bgs)	Screened Interval (ft bgs)	Strat UNIT	CASING Diam. (in)	CASING Material	Filter Pack Int. (ft bgs)	Seal Int. (ft bgs)	Remarks
PDTA 1 SWMU 18 IRP #11	FT08-11A	TOC	3.42'	604.80'	608.22'	14.5'	17.54	13.5'	4.0'-14.0'	A	2"	PVC	3.5'-14.5'	2.0'-3.5'	
	FT08-11B	TOC	4.34'	603.80'	608.14'	15.0'	17.06	14.0'	3.5'-13.5'	A	2"	PVC	3.0'-15.0'	2.0'-3.0'	
PDTA 2 SWMU 19 IRP #12	FT09-12A	TOC	3.66'	632.00'	635.66'	25.0'	27.85	19.0'	13.0'-23.0'	A	2"	PVC	10.5'-25.0'	8.0'-10.5'	
	FT09-12B	TOC	1.95'	625.60'	627.55'	40.0'	37.66	38.5'	27.5'-37.5'	A	2"	PVC	26.0'-40.0'	24.0'-26.0'	
	FT09-12C	TOC	2.55'	625.50'	628.05'	38.0'	39.96	30.5'	27.5'-37.5'	A	2"	PVC	25.0'-38.0'	23.0'-25.0'	
POL Tank Farm SWMU 68 IRP #17	ST14-01	TOC	2.69'	573.20'	575.89'	18.40'	18.55	18.2'	8.45'-18.20'	A	2"	PVC	6.50'-18.80'	4.50'-6.50'	
	ST14-02	TOC	2.94'	572.70'	575.64'	17.10'	19.48	17.1'	7.05'-16.80'	A	2"	PVC	5.00'-17.50'	2.70'-5.00'	
	ST14-03	TOC	1.89'	574.83'	576.72'	17.90'		18.2'	7.85'-17.60'	A	2"	PVC	5.80'-18.30'	3.50'-5.80'	Unselected at the request of AFCEE
	ST14-04	TOC	2.84'	572.90'	575.74'	16.50'		16.5'	6.45'-16.20'	A	2"	PVC	4.30'-17.00'	2.30'-4.30'	Not Inspected
	ST14-W05					16.6'		15.0'	6.59'-15.49'	A	2"	PVC	4.0'-16.6'	2.0'-4.0'	Not Inspected
	ST14-W06					27.0'		27.0'	6.99'-25.89'	A	2"	PVC	5.0'-27.0'	3.0'-5.0'	Not Inspected
	ST14-W07					26.0'		25.7'	5.99'-24.89'	A	2"	PVC	4.0'-26.0'	1.8'-4.0'	Not Inspected
	ST14-W08					26.0'		NE	8.19'-24.89'	A	2"	PVC	6.0'-26.0'	4.0'-6.0'	Not Inspected
	ST14-W09					22.0'		NE	7.04'-20.85'	A	2"	PVC	5.0'-22.0'	3.0'-5.0'	Not Inspected
	ST14-W11					21.0'		21.0'	6.04'-19.89'	A	2"	PVC	4.0'-21.0'	2.0'-4.0'	Not Inspected
	ST14-W13					19.0'		NE	6.19'-17.89'	A	2"	PVC	4.0'-19.0'	1.8'-4.0'	Not Inspected
	ST14-W14					21.66'		22.0'	6.70'-20.55'	A	2"	PVC	5.0'-21.55'	3.0'-5.0'	Not Inspected
	ST14-W15					19.40'		19.0'	6.19'-17.89'	A	2"	PVC	4.0'-19.4'	2.0'-4.0'	Not Inspected

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Site Name/ SWMU #/ IRP #	Well #	Reference Point	Stickup	Elev. (ft bgs)	Ref. Pt. Elev. (ft)	TD When Installed (ft bgs)	TD (ft) When Inspected CTD (ft TOC)	Depth To Bedrock (ft bgs)	Screened Interval (ft bgs)	Strat UNIT	CASING Diam. (in)	CASING Material	Filter Pack Int. (ft bgs)	Seal Int. (ft bgs)	Remarks
	ST14-W16					20.0'		20.0'	7.19'-18.89'	A	2"	PVC	5.0'-20.0'	3.0'-5.0'	Not Inspected
	ST14-W19					17.0'		17.0'	6.99'-15.89'	A	2"	PVC	5.0'-17.0'	3.0'-5.0"	Not Inspected
	ST14-W20					17.0'		17.0'	6.99'-16.44'	A	2"	PVC	4.0'-17.0'	2.0'-4.0"	Not Inspected
	ST14-W21					18.0'		18.0'	7.99'-16.89'	A	2"	PVC	6.0'-18.0'	4.0'-6.0"	Not Inspected
	ST14-W22					15.4'		15.0'	7.59'-14.44'	A	2"	PVC	5.0'-15.4'	3.0'-5.0"	Not Inspected
	ST14-W23					10.5'		NE	5.54'-9.54'	A	2"	PVC	3.0'-10.5'	1.0'-3.0'	Not Inspected
USGS Building 3340	P3A	TOC	Flush	604.97'	604.77'	20.5'	19.97	20.5'	10.0'-20.0'	A	2"	PVC	9.0'-20.5'		No bentonite seal, but has a fine sand seal from 6.0' - 9.0'
USGS Building 3249	T3	TOC	Flush	575.23'	575.11'	8.5'	8.54	8.0'	5.5'-8.0'	A	2"	PVC	4.5'-8.5'		No bentonite seal, but has a fine sand seal from 3.5' - 4.5'
USGS Building 1027	T4A	TOC	Flush	606.64'	606.49'	24.5'	21.45	21.0'	12.0'-22.0'	A	2"	PVC	11.0'-22.5'		No bentonite seal, but has a fine sand seal from 8.0' - 11.0'
USGS Open Lot @ 2nd & Boynton	T7	TOC	Flush	605.10'	604.88'	26.5'	22.85	26.5'	15.5'-25.5'	A	2"	PVC	13.0'-26.5'		No bentonite seal, but has a fine sand seal from 11.5' - 13.0'
USGS Southwest area of base East of Taxiway Drive	P6A	TOC	Flush	632.52'	632.45'	16.5'	15.15	16.0'	11.0'-16.0'	A	2"	PVC	9.5'-16.5'		No bentonite seal, but has a fine sand seal from 6.5' - 9.5'
Base Service Station	BSSA	TOC	Flush	566.90'	566.38'	11.0'	10.26	10.5'	5.0-10.0'	A	2"	PVC	4.0'-11.0'	2.0'-4.0'	
	BSSB	TOC	Flush	567.10'	569.73'	9.8'	12.79	9.4'	3.80-8.80'	A	2"	PVC	3.0'-10.0'	1.0'-3.0'	
	MW-5	TOC	Flush	561.36	563.90		8.08		3.5'-11.0'	A	4"	PVC	2.0'-11.0'	1.0'-2.0'	Requested to cover BSS as per AFCEE
	MW-7	TOC	Flush	567.91'	567.88'	17.0'		11.0'	6.13'-16.13'	A	4"	PVC	4.0'-17.0'	2.0'-4.0'	
	MW-8	TOC	Flush	556.73'	556.91'	27.0'		NE	6.0'-26.0'	A	4"	PVC	4.0'-27.0'	2.0'-4.0'	

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	MW-9	TOC	Flush	560.44'	560.30'	29.0'	27.90	NE	8.1'-28.1'	A	4"	PVC	6.0'-29.0'	4.0'-6.0'	
	MW-10	TOC	Flush	559.28'	559.53'	32.0'	32.91	NE	12.0'-32.0'	A	4"	PVC	10.0'-36.6'	8.0'-10.0'	
	MW-11	TOC	Flush	558.88'	558.90'	38.0'	32.43	NE	12.2'-32.2'	A	4"	PVC	11.0'-32.6'	9.0'-11.0'	
	MW-12	TOC	Flush	560.20'	560.38'	28.0'	27.40	NE	7.7'-27.7'	A	4"	PVC	5.5'-28.0'	3.5'-5.5'	Requested to cover BSS as per AFCEE
Various GMI04-	GMI04-01M					32.0'	34.77	27.5'	16.5'-31.5'	A	2"	PVC	15.0'-32.0'	13.0'-15.0'	
GMI22-	GMI22-01M					28.5'		28.0'	13.0'-28.0'	A	2"	PVC	11.0'-28.5'	9.0'-11.0'	Not Inspected
	GMI22-02M					30.5'		30.0'	15.0'-40.0'	A	2"	PVC	3.0'-30.5'	1.0'-3.0'	Not Inspected
	GMI22-03M					32.5'		19.0'	12.0'-32.0'	A	2"	PVC	10.5'-32.5'	8.5'-10.5'	Not Inspected
	GMI22-04M					23.3'		22.0'	13.0'-23.0'	A	2"	PVC	11.0'-23.3'	9.5'-11.0'	Not Inspected
	GMI22-05M					11.0'		11.0'	5.5'-10.5'	A	2"	PVC	3.5'-11.0'	2.0'-3.5'	Not Inspected
	GMI22-06M					24.0'		23.0'	13.5'-23.5'	A	2"	PVC	11.5'-24.0'	9.5'-11.5'	Not Inspected
	GMI22-07M					20.5'		19.0'	10.0'-20.5'	A	2"	PVC	8.5'-20.5'	6.5'-8.5'	Not Inspected
	GMI22-08M					22.5'		22.5'	10.0'-22.5'	A	2"	PVC	7.0'-22.5'	5.0'-7.0'	Not Inspected
Waste Burial Site SWMU #24 IRP #10 IRP #10	WP07-10B	TOC	3.36'	621.10	624.46'	36.0'	34.50	34.5'	23.0'-33.0'-	A	2"	PVC	18.0'-36.0'-	15.5'-18.0'-	
	WP07-10C	TOC	1.84'	615.40	617.24'	32.5'	28.93	30.5'	20.0'-30.0'	A	2"	PVC	17.5'-32.5'	15.0'-17.5'	
Entomology Dry Well SWMU #63 IRP #15	OT15C	TOC	3.7'	564.17'	567.87'	12.0'		9.0'	5.0'-10.0'	A	2"	PVC	4.5'-12.0'	3.0'-4.5'	Not Inspected

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Unnamed Stream SWMU #64 IRP #16	SD13-01	TOC	2.94'	570.30'	573.24'	14.50'		14.5'	7.12'-14.32'	A	2"	PVC	5.0'-14.60'	2.9'-5.0'	Not Inspected
	SD13-02	TOC	2.75'	570.64'	573.39'	14.20'		14.0'	9.50'-13.50'	A	2"	PVC	7.40'-14.20'	5.10'-7.40'	Not Inspected
	SD13-03	TOC	2.94'	568.60'	571.54'	14.10'		13.5'	7.08'-13.85'	A	2"	PVC	5.00'-14.10'	2.70'-5.00'	Not Inspected
	SD13-05	TOC	flush	571.59'	571.40'	13.93'		NE	3.86'-13.53'	A	4"	PVC	1.73'-13.93'	0.41'-1.73'	Not Inspected
	SD13-06	TOC	2.45'	555.74'	557.66'	11.36'		6.9'	6.17'-10.83'	AL, L	4"	PVC	2.37'-11.36'	0.15'-2.37'	Not Inspected
	SD13-07	TOC	2.38'	554.42'	556.30'	19.13'		13.0'	18.69'	AL, L	4"	PVC	19.13'	6.97'	Not Inspected
Building 1628	LSA1628-1	TOC	flush	602.43'	601.67'	20.0'		16.0'	8.66'-18.66'	AL, L	4"	PVC	6.66'-18.66'	4.66'-6.66'	Not included in site survey
	LSA1628-2	TOC	flush	602.26'	601.93'	20.0'		18.0'	10.0'-20.0'	AL, L	4"	PVC	8.0'-20.0'	6.0'-8.0'	Not included in site survey
	LSA1628-3	TOC	flush	602.63'	601.71'	18.5'		16.5'	8.5'-18.5'	AL, L	4"	PVC	6.5'-18.5'	4.5'-6.5'	Not included in site survey

A = Well completed in upper Alluvium
AL = Well completed in Quaternary Alluvium
L = Well completed in Cretaceous Goodland Limestone
P = Well completed in Paluxy Formation
MU = Screened across multiple units
bgs = below ground surface
TOC = top of well casing

ND = Not Detected
OT = Other – See remarks
T = Threaded
TD = Total Depth
U = Unknown

WCDNA = Well completion data not available
NE = Not encountered
D = Data Gap

TAB

APPENDIX D

APPENDIX D

CHAIN OF CUSTODY FORMS

APPENDIX D-1

THIRD QUARTER CHAIN OF CUSTODY FORMS

19 1 of 2 # 1

1390

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3209
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1615	X		D. H_2O	TB- 101795	2	2														
1521	X		mw	LF04-4A	5	5														
1050	X		mw	ST14-W23	5	5														
1205	X		mw	SD13-02	5	5														
1420	X		mw	BSSB	5	5														
1510	X		mw	LF01-1D	5	5														
1605	X		mw	mw-5		5														
1530	X		mw	mw-7		5														
1616	X		mw	GM122-05m		5														
1535	X		mw	SD13-07		5														

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REMARKS

Fedex # 4777325172

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

Pg 2 of 2 #1

CHAIN OF CUSTODY RECORD

01394

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3209
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L TEFLON						LENL LAB NO.
1605	X		mw	mw-5	1							1													
1530	X		mw	mw-7	1							1													
1521	X		mw	LF04-4A	1							1													
1420	X		mw	BSSB	1							1													
1510	X		mw	LF01-1D	1							1													
1615	X		mw	GM122-05m	1							1													
1535	X		mw	SD13-07	1							1													

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REMARKS

Fedex # 4777325173

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#2 01392

SAMPLING INFORMATION
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx
NPDES NUMBER

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3209
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1521	X		mw	LF04-4A	2		2																		
1050	X		mw	ST14-W23	3		2					1													
1205	X		mw	SD13-02	3		2					1													
1420	X		mw	BSSB	2		2																		

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REMARKS

Fedex # 477325195

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

29.51

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD #3

1393

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3209
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1616	X		mw	GM-122-05m	2		2													
1510	X		mw	LF01-1D	2		2													
1605	X		mw	mw-5	2		2													
1530	X		mw	mw-7	2		2													
1535	X		mw	SD13-07	2		2													

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REMARKS

Fedex # 4777325184

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

pg. + 2 #2

CHAIN OF CUSTODY RECORD

1395

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-2517-3209
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95, 10/18/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1530	X		D. H_2O	TB - 101895	2	2														
10/17/95 1750	X		mw	LF04 - 4B	5	5														
0900	X		mw	P6A	5	5														
1150	X		mw	WP07 - 10C	5	5														
0730	X		mw	FDUP - 7	5	5														
1100	X		mw	FT09 - 12A	5	5														
1410	X		mw	MW - 11	5	5														
1325	X		mw	ST14 - 03	5	5														
0915	X		mw	SD13 - 06	5	5														
1415	X		mw	ST14 - 01	5	5														
1550	X		mw	FT09 - 12C	5	5														

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REMARKS (*) Sample # LF04-4B collected 10/17/95

Fedex # 4777325306

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#1 01426

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 1-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 10/18/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz. PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1556	X		mw	LF04 - 4E	5	5														
1556	X		mw	LF04 - 4EMS	5	5														
1556	X		mw	LF04 - 4EMSD	5	5														
1645	X		mw	ST14 - W09	5	5														
1645	X		mw	ST14 - W09MS	5	5														
1645	X		mw	ST14 - W09MSD	5	5														
1718	X		mw	LF04 - 4D	5	5														
1730	X		mw	FT09 - 12B	5	5														
1730	X		mw	FT09 - 12BMS	5	5														
1730	X		mw	FT09 - 12BMSD	5	5														

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REMARKS

Index # 4777225206

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#2 11424

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 1-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 10/17/95 , 10/18/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
10/17/95 1750	X		mw	LF04-4B	3		2					1												
1100	X		mw	FT09-12A	3		2					1												
0730	X		mw	FDUP-7	3		2					1												
0900	X		mw	P6A	3		2					1												

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REMARKS Sample # LF04-4B collected 10/17/95

Fedex # - 9777842080 2

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#3

01425

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/18/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1150	X		mw	WP07-10C	3		2				1									
1410	X		mw	mw-11	3		2				1									
1415	X		mw	ST14-01	2		2													
1325	X		mw	ST14-03	2		2													
0915	X		mw	SD13-06	2		2													

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REMARKS

dex # 9778420811

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#4 01421

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 1-3519-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/18/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1550	X		mw	FT09-12C	3		2					1								
1556	X		mw	LF04-4E	3		2					1								
1556	X		mw	LF04-4EMS	3		2					1								
1556	X		mw	LF04-4EMSD	3		2					1								

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REMARKS

Fedex # 9778420720

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - NB
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#5

1428

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: JLK ~~#35~~ Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 1-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 10/18/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1325	X		mw	ST14-03	1						1														
1415	X		mw	ST14-01	1						1														
0915	X		mw	SD13-06	1						1														
1718	X		mw	LF04-4D	3		2				1														
1645	X		mw	ST14-W09	3		2				1														
1645	X		mw	ST14-W09MS	1						1														
1645	X		mw	ST14-W09MSD	1						1														

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	10/18/95 1800					

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REMARKS

Index # 9778420836

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

.1425

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/18/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1730	X		mw	FT 09-12B	3		2					1													
1730	X		mw	FT09-12B MS	3		2					1													
1730	X		mw	FT 09-12B MSD	3		2					1													
1645	X		mw	ST14-W09 MS	2		2																		
1645	X		mw	ST14-W09 MSD	2		2																		

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REMARKS

Fedex # 977 8420845

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

pg 1 of 2

CHAIN OF CUSTODY RECORD

#7

1430

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft Worth Tx

PROJECT NAME: Carswell AFB
JOB NO.: 1-3570-0201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz G W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1015	X		mw	ST14 - WC06	5	5														
1210	X		mw	ST14 - WC08	5	5														
0855	X		mw	ST14 - WC07	5	5														
0900	X		mw	mw-8	5	5														
1130	X		mw	FT08-11B	5	5														
1030	X		mw	mw-9	5	5														
0850	X		mw	LF05-5C	5	5														
0945	X		mw	LF05-5D	5	5														
0730	X		mw	FDUP-2	5	5														
1145	X		mw	BSSA	5	5														
1415	X		mw	TB-101995	2	2														

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REMARKS (*) pg 1 of 2

index # ~~8213756714~~ JLK
9778370287

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#7 01434

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible] AFB
STREET ADDRESS: [illegible], Tx

PROJECT NAME: [illegible] AFB
JOB NO.: 11-3510-[illegible]
SAMPLERS (SIGNATURE)
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1530	X		mw	mw-10	5	5														
1530	X		mw	mw-10ms	5	5														
1530	X		mw	mw-10msD	5	5														
1405	X		mw	mw-12	5	5														
1355	X		mw	ST14-W05	5	5														
1500	X		mw	ST14-W19	5	5														
1500	X		mw	ST14-W19ms	5	5														
1500	X		mw	ST14-W19msD	5	5														
1510	X		mw	FT08-11A	5	5														
1450	X		mw	TF4	5	5														
1860	X		mw	WP07-10B	5	5														

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REMARKS (*) pg. 2 of 2

Fedex # 9728370287

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

294 47

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#2 1431

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3519-2201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/17/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
0850	X		mw	LF05-5C	3		2					1								
0945	X		mw	LF05-5D	3		2					1								
0855	X		mw	ST14-W07	3		2					1								
0900	X		mw	mw-8	3		2					1								

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REMARKS

Fedex # 9778370305

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#3 01432

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-2512-2201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1015	X		mw	ST14 - W06	3		2					1													
0730	X		mw	FDUP-2	3		2					1													
1030	X		mw	mw-9	3		2					1													
1145	X		mw	BSSA	3		2					1													

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REMARKS

Fedex # 9778370314

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#8

1433

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 11-2512-2201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1210	X		mw	ST14-W08	3		2					1								
1130	X		mw	FT08-11B	3		2					1								
1500	X		mw	ST14-W19	3		2					1								
1500	X		mw	ST14-W19MS	3		2					1								

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REMARKS

Fedex # 9778370323

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#11 01396

SAMPLING INFORMATION
NAME OF FACILITY: Carswell AFB
NPDES NUMBER
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO. 11-3517-3301
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1500	X		mw	ST14 - W19 MSD	3		2													
1355	X		mw	ST14 - W05	3		2					1								
1405	X		mw	mw-12	3		2					1								
1530	X		mw	mw-10 ms	3		2					1								
~~1530~~	~~X~~		~~mw~~	~~mw 10~~	~~1~~							~~1~~	JLK							
~~1530~~	~~X~~		~~mw~~	~~mw-10MSD~~	~~1~~							1	JLK							

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REMARKS

Fedex # 9778370341

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#12 01397

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-7772-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/19/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1530	X		mw	MW-10	3		2				1									
530	X		mw	MW-10 MSD	3		2				1									
1510	X		mw	FT08-11A	3		2				1									
1450	X		mw	T4A	3		2				1									
1800	X		mw	WP07-10B	3		2				1									

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REMARKS

Fedex # 9778370201

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

1 of 2

CHAIN OF CUSTODY RECORD

#1 01398

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NAME OF FACILITY: [illegible] AFB
STREET ADDRESS: [illegible], Tx
NPDES NUMBER

PROJECT NAME: [illegible] AFB
JOB NO.: 11-3510-3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1405	X		mw	LF01-1A	5	5																			
1200	X		mw	GM122-02M	5	5																			
1100	X		mw	GM122-08M MSD	5	5																			
1100	X		mw	GM122-08M MS	5	5																			
1100	X		mw	GM122-08M	5	5																			
0920	X		mw	T3	5	5																			
1350	X		mw	GM122-04M	5	5																			
1520	X		mw	LSA1628-1	5	5																			
1412	X		mw	ST14-W11	5	5																			
1518	X		mw	ST14-W13	5	5																			
1620	X		mw	TB-102095	2	2																			

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REMARKS (*) Pg 1 of 2

Fedex # 9538699472

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

Pg. 2 of 2

CHAIN OF CUSTODY RECORD

1

01399

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Lowell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Lowell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
0910	X		mw	ST14-W15	5	5														
0730	X		mw	FDUP-6	5	5														
1010	X		mw	ST14-W16	5	5														
0730	X		mw	FDUP-3	5	5														
1140	X		mw	ST14-W20	5	5														
0845	X		mw	GM122-06m	5	5														
0945	X		mw	GM122-03m	5	5														
1710	X		mw	LSA1628-3	5	5														
0730	X		mw	FDUP-5	5	5														
1750	X		mw	LF01-1C	5	5														
1440	X		mw	LF01-1E	5	5														

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REMARKS (*) Pg 2 of 2

Fedex # 9538699472

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#2 1400

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
1518	X		mw	ST14-W13	3		2					1												
1412	X		mw	ST14-W11	3		2					1												
1520	X		mw	LSA1628-1	3		2					1												
1350	X		mw	GM122-04M	3		2					1												

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REMARKS

Fedex # 9728370156

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

01401

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 11-2519-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
0845	X		mw	GM122-06m	3		2					1												
0945	X		mw	GM122-03m	3		2					1												
0730	X		mw	FDUP-6	3		2					1												
0910	X		mw	ST14-W15	3		2					1												

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REMARKS

Fedex # 7728370165

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#4 1402

SAMPLING INFORMATION
NAME OF FACILITY: [illegible] AFB
STREET ADDRESS: Fort Worth Tx.
NPDES NUMBER

PROJECT NAME: [illegible] AFB
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1140	X		mw	ST14 - W20	3		2					1								
0730	X		mw	FDUP-3	3		2					1								
1010	X		mw	ST14 - W16	3		2					1								
1100	X		mw	GM122-08MMSD	3		2					1								

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REMARKS

Fedex # 9778370174

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

#5 01403

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1L, TEFLON	LENL LAB NO.
0920	X		mw	T3	3		2					1								
1405	X		mw	LF01-1A	3		2					1								
1100	X		mw	GM122-08M	3		2					1								
1200	X		mw	GM122-02M	3		2					1								

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[illegible]	10/20/95 1800					

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REMARKS

Fedex # 9172 8370183

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

#6 21404

SAMPLING INFORMATION
NAME OF FACILITY: [illegible] AFB
NPDES NUMBER
STREET ADDRESS: [illegible] TX

PROJECT NAME: [illegible] AFB
JOB NO.: 11-[illegible]
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/20/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz G W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1 L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1710	X		mw	LSA1628-3	3		2					1								
1100	X		mw	GM122-08mms	3		2					1								
1750	X		mw	LF01-1C	3		2					1								
1440	X		mw	LF01-1E	3		2					1								
0730	X		mw	FDUP-5	3		2					1								

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REMARKS

Fedex # 9728370192

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

#1

9450

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 11-210-3101
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1210	X		mw	T7	3	3														
1025	X		mw	P3A	3	3														
1020	X		mw	ST14 - W21	3	3														
0950	X		mw	ST14 - W04	3	3														
0938	X		mw	SD13 - 01	3	3														
0850	X		mw	SD13 - 02	3	3														
0850	X		mw	SD13 - 03MS	3	3														
0850	X		mw	SD13 - 03MSD	3	3														
1715	X		mw	TB - 102195	2	2														
0730	X		mw	FDUP - 1	3	3														
1600	X		MW	LSA1628-2	3	3														

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REMARKS pg 1 of 2

Fedex # 8650129574

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOU[illegible]STE - HW
SURFACE W[illegible]R - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD #1

1443

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft. Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 11-2517-0201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1230	X		mw	ST14-W22	3	3														
1220	X		mw	GM122-07M	3	3														
1155	X		mw	GM104-01M	3	3														
0930	X		mw	FDUP-8	3	3														
1525	X		mw	LF04-4F	3	3														
1120	X		mw	OT15C	3	3														
1120	X		mw	OT15CMS	3	3														
1120	X		mw	OT15CMSD	3	3														
1550	X		mw	ST14-02	3	3														
1435	X		mw	LF05-5G	3	3														

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REMARKS pg 2 of 2

Fedex # 8650129594

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

#2

01449

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-3510-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
0938	X		mw	SD13-01	3		2					1													
0850	X		mw	SD13-03	3		2					1													
0850	X		mw	SD13-03 MS	3		2					1													
0850	X		mw	SD13-03 MSD	3		2					1													

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REMARKS

Fedex # 9778370104

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDO[illegible]ASTE - HW
SURFACE [illegible]ER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

#3 01448

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, TX.

PROJECT NAME: Carswell AFB
JOB NO.: 1-2517-2261
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3) (*)	1 L, PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
0730	X		mw	FDUP-1	3		2					1								
1155	X		mw	GM104-01M	3		2					1								
1220	X		mw	GM122-07M	3		2					1								
1210	X		mw	T7	3		2					1								

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
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REMARKS (*) 1L. PL. HNO_3 are not to pH <2

Fedex # 9778370113

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD #4

1447

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, TX.

PROJECT NAME: Carswell AFB
JOB NO.: 1-2517-2201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1025	X		mw	P3A	3		2					1								
0950	X		mw	ST14-04	3		2					1								
1020	X		mw	ST14-W21	3		2					1								
1230	X		mw	ST14-W22	3		2					1								

RELINQUISHED BY	DATE / TIME	RECEIVED BY	DATE / TIME	RELINQUISHED BY	RECEIVED BY LABORATORY	DATE / TIME
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REMARKS (*) 1L. PL. HNO_3 ~~are~~ not preserved to pH < 2.

Fedex # 9778390122

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD #5

1446

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 1-2517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3) (*)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
1120	X		mw	OT15C MSD	4		3					1												
1120	X		mw	OT15C MS	4		3					1												
1550	X		mw	ST14-02	3		2					1												
1120	X		mw	OT15C	1							1												

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REMARKS (*) 1 L. PL. HNO_3 ARE NOT Preserved to pH <2

Fedex # 9778370131

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

#6 01445

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-2519-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3) (*)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L TEFLON						LENL LAB NO.
1120	X		mw	OT15C	3		3																		
0730	X		mw	FDUP8	4		3					1													
1525	X		mw	LF04-4F	3		2					1													

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REMARKS (*) 1L. PL HNO_3 ARE NOT Preserved to pH < 2.

Fedex #

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD #7

01444

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx

PROJECT NAME: Carswell AFB
JOB NO.: 11-2017-2201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 10/21/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
1435	X		mw	LF05-5G	3		2					1												
1600	X		mw	LSA1628-2	3		2					1												

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REMARKS (*) 1 L. PL. HNO_3 ARE NOT Preserved to pH <2.
LSA1628-2 has free product.

Fedex # 9778370052

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
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CHAIN OF CUSTODY RECORD

#8 .1442

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Fort Worth, Tx.

PROJECT NAME: Carswell AFB
JOB NO.: 1-2517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 10/22/95, 10/23/95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1130	X		Di H_2O ~~SIK~~	TB-102395	2	2														
0730	X		mw	FDUP-4	6	3	2				1									
0918	X		mw	SDB-05	6	3	2				1									
1000	X		Di H_2O ~~SIK~~	EQB-2	8	3	4				1									
10/22/95 0930	X		Di H_2O	EQB-1	6	3	2				1									
10/23/95 1530	X		Di H_2O	AMBL-1	3	3					1									

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REMARKS
EQB-1 Collected 10/22/95
! PL & HNO_3 ARE NOT preserved to pH<2
Fedex # ~~8213756692~~ SIK 9728367964

*SOURCE CODES

RECOVERY WELL - RW	NPDES DISCHARGE - ND
RCRA MONITORING WELL - MW	DRINKING WATER - DW
SOIL / SEDIMENT - SO	HAZARDOUS WASTE - HW
SLUDGE - SL	SURFACE WATER - SW
	NON-AQUEOUS - NA

APPENDIX D-2

FOURTH QUARTER CHAIN OF CUSTODY FORMS

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1556

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CAKSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-14-96 / 1-15-96

	TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1/14	0955	X		W	FT08-11B	5	5														
1/14	1125	X		W	FT09-12B	5	5														
1/14	1125	X		W	FT09-12B MS	5	5														
1/14	1125	X		W	FT09-12B MSD	5	5														
1/15	0948	X		W	CSA1628-2	5	5														
1/15	1045	X		W	WP07-10C	5	5														
1/15	0900	X		W	LF05-5C	5	5														
1/15	1135	X		W	WP07-10B	5	5														
1/15	0730	X		W	FDUP-1	5	5														
1/15	1245	X		W	LF04-4D	5	5														
1/15	0915	X		W	LF05-5G	5	5														

RELINQUISHED BY	DATE / TIME	RECEIVED BY	DATE / TIME	RELINQUISHED BY	RECEIVED BY LABORATORY	DATE / TIME
[signature] (SIGNATURE)	1/16/96 1100	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed-Ex 641391626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1552

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CAIRSWELL AFB
JOB NO. 1135173201
SAMPLERS (SIGNATURE)
SAMPLING DATE 1-14-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1335	X		W	T4A	5	5														
1440	X		W	LF05-5D	5	5														
1100	X		W	LF04-4F	5	5														
1420	X		W	GMI22-01m (W)	5	5														
1020	X		W	GMI22-03m	4	4														
1230	X		W	LSA1628-3	5	5														
0845	X		W	FT08-11A	5	5														
0915	X		W	LF04-4E	5	5														
0915	X		W	LF04-4E MS	5	5														
0915	X		W	LF04-4E MSD	5	5														
0840	X		W	EB-2	5	5														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
	1590 1400					

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REMARKS

Fed ex # 641 391 1626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

1566

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO. 1135175201
SAMPLERS (SIGNATURE)
SAMPLING DATE: 1-15-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz. PL W/M	250 ml PL	1 L, TEFLON	LENL LAB NO.
1030	X		W	GMI22-06m	5	5														
1250	X		W	MW-5	5	5														
1430	X		W	MW-10	5	5														
1430	X		W	MW-10 MS	5	5														
1430	X		W	MW-10 MSD	5	5														
1045	X		W	SD13-01	5	5														
1308	X		W	BSSB	5	5														
1530	X		W	EB-1	5	5														
1600	X		W	TB-11596	2	2														
1700	X		W	IDW	5	5														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
	1540 / 1700					

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REMARKS

Fed ex 6413911626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

2 of 9 1562

SAMPLING INFORMATION
NAME OF FACILITY: CAFB
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: CARSWELL AFB
JOB NO. 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 15 96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1145	X		W	SD13-01	3		2					1													
1308	X		W	BSSB	3		2					1													
1430	X		W	MW-10MS	3		2					1													
1430	X		W	MW-10	3		2					1													

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY (SIGNATURE)	DATE / TIME
[signature]	11/15/96 1700					

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REMARKS

Fed-ex 6413911626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAER
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO. 1135173201
SAMPLERS (SIGNATURE)
SAMPLING DATE 1-15-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1250	X		W	MW-5	3		2					1								
0915	X		W	LF05-56	3		2					1								
1030	X		W	GMI22-06m	3		2					1								
1430	X		W	MW-10 MSD	3		2					1								

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
	1-15-96 1700					

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REMARKS: Fedex 6413911626

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

4 of 9 01558

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-15-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1045	X		W	WP07-10C	3		2					1													
1245	X		W	LF04-4D	3		2					1													
0900	X		W	LF05-5C	3		2					1													
0730	X		W	FDUP-1	3		2					1													
1135	X		W	WP07-10B	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1596 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed. ex 6413911626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

5 + 9 01551

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113513201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-14-96 / 1-15-96

	TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
14	1125	X		W	FT09-12B	3		2					1								
14	1125	X		W	FT09-12B MS	3		2					1								
14	1125	X		W	FT09-12B MSD	3		2					1								
15	0918	X		W	CSA1628-2	3		2					1								

RELINQUISHED BY	DATE / TIME	RECEIVED BY	DATE / TIME	RELINQUISHED BY	RECEIVED BY LABORATORY	DATE / TIME
(SIGNATURE)	1-15-96	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS
Fed Ex 6413911626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

6 of 9 01555

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-14-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L TEFLON						LENL LAB NO.
0915	X		W	LF04-4E MS	3		2					1													
0915	X		W	LF04-4E MSD	3		2					1													
0840	X		W	EB-2	3		2					1													
0955	X		W	FT08-11B	3		2					1													

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
[signature]	1-15-96 / 700					

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REMARKS

Fed Ex # 6113911626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1 of 1 11554

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-14-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1030	X		W	GMI22-03m	3		2					1								
1230	X		W	LSA1628-3	3		2					1								
0845	X		W	FT08-11A	3		2					1								
0915	X		W	LF04-4E	3		2					1								

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY (SIGNATURE)	DATE / TIME
	1-14-96 1030					

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REMARKS

Fed-ex 641391626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

8 of 9 01553

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113517 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-19-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
1335	X		W	T4A	3		2					1												
1440	X		W	LF05-5D	3		2					1												
1100	X		W	LF04-4F	3		2					1												
1420	X		W	GMI22-04m	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1590 / 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed-ex # 641391/626

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

264 79

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: Carswell AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-15-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1530	X		W	EB-1	3		2					1								
1700	X		W	IDW	3		2					1								

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY (SIGNATURE)	DATE / TIME
	1-16 1700					

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REMARKS: Fax 904 1391 [illegible]

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1526

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-10-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1150	X		W	RSSA	5	5														
1430	X		W	FDUP-2	5	5														
1450	X		W	MW-8	5	5														
1520	X		W	MW-11	5	5														
1540	X		W	T3	5	5														
1515	X		W	MW-12	5	5														
1205	X		W	MW-9	5	5														
1700	X		W	MW-7	5	5														
1730	X		W	TB-11096	2	2														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
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REMARKS

Fed-ex # 6413910355

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-10-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1150	X		W	BSSA	3		2					1								
1420	X		W	FDUP-2	3		2					1								
1520	X		W	MW-11	3		2					1								

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY (SIGNATURE)	DATE / TIME
	1-11-96 1800					

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REMARKS Fed-ex # 6413910355

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

3 of 1 1527

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-10-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1515	X		W	MW-12	3		2					1								
1205	X		W	MW-9	3		2					1								
1540	X		W	T3	3		2					1								

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
	1-10-96 1100					

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDO[illegible] WASTE - HW
SURFACE [illegible]ER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
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PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

1 of 4 1152

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-10-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
1450	X		W	MW-8	3		2					1												
1700	X		W	MW-7	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1-10-96 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed. ext# 6413910355

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
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(904) 944-9772

CHAIN OF CUSTODY RECORD

1 of 7 ~~8~~ 31545
(No page #2)

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
0730	X		W	FDUP-7	5	5																		
1600	X		W	ST14-02	5	5																		
1330	X		W	FT09-12A	5	5																		
0905	X		W	LF04-04	5	5																		
1100	X		W	LF05-02	5	5																		
1410	X		W	GmI22-02m	5	5																		
1440	X		W	FT09-12C	5	5																		
1200	X		W	FDUP-6	5	5																		
1240	X		W	ST14-W09	5	5																		
0850	X		W	ST14-03	5	5																		
1035	X		W	ST14-04	5	5																		

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME

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REMARKS

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

0154

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173001
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1205	X		W	ST14-W15	5	5																			
1050	X		W	LF05-18	5	5																			
~~1240~~	~~X~~		~~W~~	~~ST14-W09~~	~~5~~	~~5~~	(cc)																		
1240	X		W	ST14-W09 MS	5	5																			
1240	X		W	ST14-W09 MSD	5	5																			
0930	X		W	LF04-10	5	5																			
1640	X		W	P6A	5	5																			
1115	X		W	EB-3	5	5																			
1500	X		W	LF04-4A	5	5																			
1640	X		W	LF04-4B	5	5																			
1800	X		W	TB-11396	2	2																			

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[signature] (SIGNATURE)	1396 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex # 6413911630

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

3 of 17 01547

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1205	X		W	ST14-W15	3		2					1								
1050	X		W	LF05-18	3		2					1								
0930	X		W	LF04-10	3		2					1								
1240	X		W	ST14-W09MS	3		2					1								

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[signature]	1-13-96 1830					

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REMARKS

Fed ex # 641391630

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113517320 1
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1240	X		W	ST14-W09 MSD	3		2				1									
1410	X		W	GMT22-02m	3		2				1									
0850	X		W	ST14-03	3		2				1									
1200	X		W	FDUP-6	3		2				1									

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REMARKS

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
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CHAIN OF CUSTODY RECORD

1551

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO. 135173201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
~~1115~~	~~X~~		~~W~~	~~EB-3~~	~~3~~	~~2~~		~~2~~												
1115	X		W	EB-3	3	2					1									
1640	X		W	P6A	3	2					1									
1500	X		W	LF04-4A	3	2					1									
1640	X		W	LF04-4B	3	2					1									

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	1396 1830					

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REMARKS

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

01550

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NATIONAL LABORATORIES
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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13 96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1330	X		W	FT09-12A	3		2					1													
0730	X		W	FDUP-7	3		2					1													
1140	X		W	FT09-12C	3		2					1													
1600	X		W	ST14-02	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1396 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

7 of 7 1549

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
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(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
1035	X		W	ST14-04	3		2					1												
1240	X		W	ST14-W09	3		2					1												
1100	X		W	LF05-02	3		2					1												
0905	X		W	LF04-04	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1396 / 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

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***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE W R - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CARB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 11.55173201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-11-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1130	X		W	ST14-W06	5	5														
1515	X		W	ST14-W13	5	5														
0930	X		W	ST14-W05	5	5														
1355	X		W	SD13-02	5	5														
1540	X		W	ST14-01	5	5														
1200	X		W	GMT22-02m	5	5														
0900	X		W	T7	5	5														
1015	X		W	SD13-03	5	5														
1015	X		W	SD13-03 ms	5	5														
1015	X		W	SD13-03 msd	5	5														
1055	X		W	~~SD~~ ST14-W23	5	5														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
	1-11-96 1800					

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REMARKS
Fed-ex # 6411391036 6

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO. 1635173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-11-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
1700	X		W	TB- 111916	2	2																		
1630	X		W	ST14-W11	5	5																		
1655	X		W	GMI22-08m	5	5																		
1655	X		W	GMI22-08m MS	5	5																		
1655	X		W	GMI22-08m MSD	5	5																		
K ~~1625~~	~~X~~		~~W~~	~~P3A~~	~~5~~	~~5~~																		

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REMARKS
Fed-ex # 6413910366

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

2 of 45 153

SAMPLING INFORMATION
NAME OF FACILITY: CAFB
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: Caswell AFB
JOB NO.: 113517 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-11-95

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1015	X		W	SD13-03	3		2					1													
1015	X		W	SD13-03ms	3		2					1													
1015	X		W	SD13-03msD	3		2					1													
1055	X		W	ST14-W23	3		2					1													

RELINQUISHED BY	DATE / TIME	RECEIVED BY	DATE / TIME	RELINQUISHED BY	RECEIVED BY LABORATORY	DATE / TIME
[signature] (SIGNATURE)	1-11-95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed. ex # 6413910366

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

3 of 4/5 11532

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-11-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON						LENL LAB NO.
1200	X		W	GMT22-02M	3		2					1													
0900	X		W	T7	3		2					1													
1355	X		W	SD13-02	3		2					1													
1540	X		W	ST14-01	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE) [signature]	1-11-96 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS
Fed-ex #8413910316

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

4 of 5 0153

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-11-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
0930	X		W	ST14-W05	3		2					1												
1130	X		W	ST14-W06	3		2					1												
1515	X		W	ST14-W13	3		2					1												
1630	X		W	ST14-W11	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1-11-96 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed. ex # 641391036 6

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

96

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

5 of 5 1535

SAMPLING INFORMATION
NAME OF FACILITY: CAFB
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: CARSWELL AFB
JOB NO. 1135173201
SAMPLERS (SIGNATURE)
SAMPLING DATE 1-11-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz PL W/M	250 ml PL	1 L. TEFLON	LENL LAB NO.
1655	X		W	GMI22-08m	3		2				1									
1655	X		W	GMI22-08m ms	3		2				1									
1655	X		W	GMI22-08m msD	3		2				1									
1625	X		W	P3A	3		2				1									

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	RECEIVED BY LABORATORY (SIGNATURE)	DATE / TIME
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REMARKS

f.l. ox ~~Slot~~ 6011 39/0 3666

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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7215 PINE FOREST ROAD
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CHAIN OF CUSTODY RECORD

1 of 7 1530

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1 L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON					LENL LAB NO.
1520	X		W	ST14-W21	5	5																		
1535	X		W	SD13-06	5	5																		
1315	X		W	ST14-W19	5	5																		
0915	X		W	ST14-W16	5	5																		
1100	X		W	FDUP-8	5	5																		
0930	X		W	FDUP-3	5	5																		
1015	X		W	ST14-W20	5	5																		
0905	X		W	LF01-1C	5	5																		
0730	X		W	FDUP-5	5	5																		
0955	X		W	LF01-1E	5	5																		
1200	X		W	FDUP-4	5	5																		

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REMARKS

[illegible] 6113911641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

1 of 7 01531

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: Carswell AFB
JOB NO.: 1135112201
SAMPLERS (SIGNATURE):
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1 L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
1015	X		W	OT15C	5	5														
1015	X		W	OT15C MS	5	5														
1015	X		W	OT15C MSD	5	5														
0915	X		W	SD13-05	5	5														
1530	X		W	ST14-W08	5	5														
1530	X		W	ST14-W08 MS	5	5														
1530	X		W	ST14-W08 MSD	5	5														
1255	X		W	ST14-W22	5	5														
1040	X		W	GMZ22-05M	5	5														
1130	X		W	LF01-1D	5	5														
1550	X		W	LF01-1A	5	5														

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REMARKS

fed-ex # 6413911641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

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PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

1 of 7 [illegible]1542

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: BAFB
STREET ADDRESS:

PROJECT NAME: Caswell AFB
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-17-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1705	X		W	STM-W07	5	5																			
ok 1875	X		W	TB-11296	2	2																			

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REMARKS

Fed-ex# 6413911641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

OCT 1996

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

2 of 7 01538

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
0915	X		W	SD13-05	3		2					1												
1200	X		W	FDUP-4	3		2					1												
0955	X		W	LFD1-1E	3		2					1												
0730	X		W	FDUP-5	3		2					1												

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REMARKS

Fed - ex # 6413911641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

LCT 1

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113517 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G. W/M	2 oz. G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L. PL (HNO_3)	1 L. PL (H_2SO_4)	1 L. PL (NaOH+Ascorbic Acid)	1 L. PL (Zn Acetate + NaOH)	1 L. PL	4 oz. PL W/M	250 ml PL	1 L. TEFLON					LENL LAB NO.
1015	X		W	OT15C	4		3					1												
1015	X		W	OT15C MS	4		3					1												
1015	X		W	OT15C MSD	4		3					1												
0905	X		W	LF01-1C	3		2					1												

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REMARKS

Fed. ex # 641391 1641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

24402

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113517 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G. W/M	2 oz G. W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz PL W/M	250 ml PL	1 L TEFLON	LENL LAB NO.
0930	X		W	FDUP-3	3		2				1									
1015	X		W	ST14-W20	3		2				1									
1100	X		W	FDUP-8	3		2				1									
0915	X		W	ST14-W16	3		2				1									

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REMARKS: Fed ex # 641391641

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

5 of 11 1541

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 113517 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L PL (HNO_3)	1 L PL (H_2SO_4)	1 L PL (NaOH+Ascorbic Acid)	1 L PL (Zn Acetate + NaOH)	1 L PL	4 oz. PL W/M	250 ml PL	1 L TEFLON					LENL LAB NO.
1335	X		W	SD13-06	3		2					1												
1520	X		W	ST14-W21	3		2					1												
1315	X		W	ST14-W19	3		2					1												
1235	X		W	ST14-W22	3		2					1												
* 1605	X		W	LSA 1628-1 PRODUCT	1	1																		
* 1347	X		W	SD13-07 PRODUCT	1	1																		

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[signature] (SIGNATURE)	1-12-96 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

fed. ex # 641391 1641

* SAMPLES CONTAINING PRODUCT - CALL SUE MAX FOR ANALYSIS !! (770) 499-6800

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

X 94104

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

6 of 7 31543

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml G VOA HCl	1 L G - AMBER	8 oz G, W/M	2 oz G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1705	X		W	ST14-W07	3		2					1													
1550	X		W	LF01-1A	3		2					1													
1640	X		W	GMI22-05m	3		2					1													
1430	X		W	LF01-1D	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1-12-96 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY. PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS

Fed. ex-# 641391/1641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE [illegible]R - SW
NON-AQUE[illegible] - NA

94105

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 1135173201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-12-96

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON						LENL LAB NO.
1530	X		W	ST14-W08																					
1530	X		W	ST14-W08 MS																					
1530	X		W	ST14-W08 MSD																					

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	1/12/96 1830	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY. PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS

Fed ex # 6413911641

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

294106

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: CAFSWELL AFB
JOB NO.: 1135173001
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 1-13-96

TIME	GRAB	COMP	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl	1 L G - AMBER	8 oz. G, W/M	2 oz. G, W/M	1 L G (H_2SO_4)	500 ml - AMBER	1 L, PL (HNO_3)	1 L, PL (H_2SO_4)	1 L, PL (NaOH+Ascorbic Acid)	1 L, PL (Zn Acetate + NaOH)	1 L, PL	4 oz PL W/M	250 ml PL	1 L, TEFLON					LENL LAB NO.
1205	X		W	ST14-W15	5	5																		AA85216
1050	X		W	LF05-18	5	5																		AA85217
~~1240~~	~~X~~		~~W~~	~~ST14-W09~~	~~5~~	~~5~~																		
1240	X		W	ST14-W09 MS	5	5																		AA85218
1240	X		W	ST14-W09 MSD	5	5																		AA85219
0930	X		W	LF04-10	5	5																		AA85220
1640	X		W	P6A	5	5																		AA85221
1115	X		W	EB-3	5	5																		AA85222
1500	X		W	LF04-4A	5	5																		AA85223
1640	X		W	LF04-4B	5	5																		AA85224
1800	X		W	TB-11396	2	2																		AA85225

RELINQUISHED BY:	DATE / TIME	RECEIVED BY	DATE / TIME	RELINQUISHED BY	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	11396 / 1830	(SIGNATURE)		(SIGNATURE)	Tina [signature] (SIGNATURE)	1/15/96 / 0925

Cooler Temp 0°

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY. PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS

Fed-ex # 6413911630

***SOURCE CODES**

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKIN' 'ATER - DW
HAZARL WASTE - HW
SURFACE WATER - SW
NON-AQUEOUS - NA

ORIGINAL IN SDG 63C85205

284108

TAB

APPENDIX E

APPENDIX E

GROUND-WATER SAMPLING REPORTS

294110

APPENDIX E-1

THIRD QUARTER GROUND-WATER SAMPLING REPORTS

#7

294111

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK

LAW PROJECT # 11-3517-3201

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294112

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: LF01-10 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-10

DEPTH TO WATER (feet): 20.67

TOTAL DEPTH (feet): 28.14

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.47 ft of water in casing X .17 gallons/foot) + (7.49 ft of annular water X .77 gallons/foot)] X 3 = 21.06 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/ Spt teflon leader

NOTES: Bailed down to approx 4" from TD / will allow well to recharge sufficiently and sample

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0923	0.0	6.31	63.5	731	20.3		
0937	3.0	6.42	64.0	835	298		
0945	7.0	6.54	63.7	822	206		
1000	14.0	6.62	63.9	840	983		
1026	21.0	6.69	64.1	853	188		
1027	21.2	6.66	64.3	851	192		

SAMPLING Equipment Used: Dedicated Bailer w/ Spt teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1510	6.61	65.0	849	19.9	20.68	LF01-10	Small black particles in H_2O

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	10-17-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294113

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: BSSB PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

BSSB

DEPTH TO WATER (feet): 9.88

TOTAL DEPTH (feet): 13.04

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.16 ft of water in casing X .17 gallons/foot) + (3.16 ft of annular water X .17 gallons/foot)] X 3 = 8.97 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/5ft teflon leader

NOTES: Bailed dry at 4.5 gals, will allow for sufficient recharge and sample

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1040	0.0	6.53	69.7	1161	19.6		PID inside well casing 29.3ppm
1048	2.0	6.34	69.3	1141	23.9		" 25.6ppm
1057	4.0	6.41	67.9	1177	8.4		Hydrocarbon odor
1101	4.5	6.50	68.3	1184	8.0		Bailed as close to dry as possible

SAMPLING Equipment Used: Dedicated Bailer w/5ft teflon ~~Bailer~~ CWS Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1420	6.49	69.0	1157	17.60	9.89	BSSB	Small particles in H_2O/Black in color

WEATHER: Clear AIR TEMP (°F): 79°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	10-17-95
REVIEWED:	J Pecore	[signature]	4-9-96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294114

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: ~~0.0~~ MW-7 PID READING @ WELL HEAD (ppm): 0.0

SAMPLE LOCATION ID: MW-7

DEPTH TO WATER (feet): 8.59

TOTAL DEPTH (feet): 17.0

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(8.41 ft of water in casing X .66 gallons/foot) + (8.41 ft of annular water X 1.04 gallons/foot)] X 3 = 42.40 gallons to purged

PURGING Equipment Used: Dedicated Teflon Bailer w/ SPT Teflon Leader

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1114	0.0	7.13	71.6	1252	7.52		
1130	14	7.11	71.2	1275	~~1275~~ 9.9		
1147	28	~~7.9~~ 7.55	70.9	1180	252		
1150	31	7.47	71.3	1186	183		Bailed as close as possible to dry a approx 31 gal

SAMPLING Equipment Used: Dedicated Bailer w/ SPT Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1530	7.50	71.0	1193	26.2	~~20.65~~ 8.66	MW-7	

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles E. Smith	[signature]	10-17-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294115

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: MW-5 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

MW-5

DEPTH TO WATER (feet): 5.08

TOTAL DEPTH (feet): 8.08

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.00 ft of water in casing X .42 gallons/foot) + (3.00 ft of annular water X .77 gallons/foot)] X 3 = 8.46 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/5ft Teflon leader

NOTES: Bailed as close to dry as possible at 3.25 gals

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1342	0.0	6.43	70.1	267	3.52		
1358	3.0	6.14	69.8	528	43.5		Bailed dry at 3.25 gals
1359	3.1	6.10	69.5	530	47.0		Slight Hydrocarbon odor

SAMPLING Equipment Used: Dedicated Bailer w/5ft Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~1420~~ 1605	6.21	69.6	533	21.3	5.23	MW-5	

EPS 10-17-95

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	Chas F. Smith	10-17-95
REVIEWED:	J Pecore	[illegible]	4-9-96

294116

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

P6A

DEPTH TO WATER (feet): 11.78

TOTAL DEPTH (feet): 15.15

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.37 ft of water in casing X .17 gallons/foot) + (3.37 ft of annular water X .17 gallons/foot)] X 3 = 9.51 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/5ft. Teflon Leader

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1710	0.0	7.52	71.9	693	14.3		
1718	3.0	7.47	69.2	652	>2000		Very turbid, w fines, lt. Br in color
~~1723~~							Bailed dry at approx 3.20 gals

SAMPLING Equipment Used: Dedicated PVC Bailer w/5ft teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
10-18-95 0900	7.60	70.1	683	>2000	11.78	P6A	

WEATHER: Clear AIR TEMP (°F): 60°sF

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	10-18-95
REVIEWED:	J Pecora	[signature]	4-9-96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294117

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12A

DEPTH TO WATER (feet): 17.87

TOTAL DEPTH (feet): 27.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.98 ft of water in casing X .17 gallons/foot) + (9.98 ft of annular water X .17 gallons/foot)] X 3 = 2.14 gallons to purged

PURGING Equipment Used: Stainless Steel 2" grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1005	0.0	6.15	63.1	708	47.4		Adjust flow rate to approx 1gpm
1018	9.0	6.94	65.1	683	36.8		no odor
1028	18.0	7.01	65.8	683	23.9		
1039	28.0	7.09	65.9	684	7.16		
1040	29.0	7.11	65.8	683	7.10		

SAMPLING Equipment Used: Dedicated PVC bailer w/5ft teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1100	7.13	65.9	683	7.0		FT09-12A	

WEATHER: Clear AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): FDUP-7

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	10-18-95
REVIEWED:	J Pecore	[signature]	4-9-96

294118

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/18/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12B

DEPTH TO WATER (feet): 30.22

TOTAL DEPTH (feet): 37.66

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.94 ft of water in casing X .17 gallons/foot) + (6.94 ft of annular water X .17 gallons/foot)] X 3 = 19.59 gallons to purged

PURGING Equipment Used: Stainless steel 2" grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1646	0.0	7.04	65.8	794	5.5		
1653	7.0	6.75	63.8	811	1.06		
1700	14.0	6.76	63.5	809	0.5		
1706	20.0	6.76	63.6	807	0.28		
1707	21.0	6.77	63.5	806	0.30		

SAMPLING Equipment Used: Dedicated Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1730	6.77	63.6	807	0.25		FT09-12B	

WEATHER: Clear AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): FT09-12BMS, FT09-12BMSD

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-18-95
REVIEWED:	J Pecora	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294119

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/18/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12C

DEPTH TO WATER (feet): 31.65

TOTAL DEPTH (feet): 39.96

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.31 ft of water in casing X .17 gallons/foot) + (8.31 ft of annular water X .17 gallons/foot)] X 3 = 22.23 gallons to purged

PURGING Equipment Used: Stainless Steel 2" Grundfos pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1510	0.0	5.57	68.4	942	476		
1517	7.5	6.33	65.2	919	23.4		
1525	15.0	6.46	64.9	909	11.4		
1534	22.5	6.53	64.6	902	9.8		
1535	23.5	6.56	64.6	906	9.6		

SAMPLING Equipment Used: Dedicated PVC bailer w/ Spot Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	6.53	64.5	901	9.0		FT09-12C	

WEATHER: Clear AIR TEMP (°F): 80's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles E Smith	Chas E Smith	10-18-95
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294120

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: Ø PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF05-5C

DEPTH TO WATER (feet): 11.35

TOTAL DEPTH (feet): 19.9

INSIDE DIAMETER of WELL (inches): 2.0"

PURGE VOLUME CALCULATION: [(8.55 ft of water in casing X .17 gallons/foot) + (8.75 ft of annular water X .17 gallons/foot)] X 3 = 24.11 gallons to purged

PURGING Equipment Used: 2.0" stainless steel Grundfos submersible pump

NOTES: PID not functioning

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0817	0.0	6.12	64.8	717	>2000		
0824	8.0	6.05	66.1	745	285		
0831	16.0	6.08	66.0	756	109		
0839	24.0	6.06	66.3	770	15.0		
0840	26.0	6.08	66.1	782	13.7		

SAMPLING Equipment Used: Dedicated 2" PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0850	6.08	66.1	785	14.0		LF05-5C	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10/19/95
REVIEWED:	J Pecoraro	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294121

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF05-5D

DEPTH TO WATER (feet): 12.87

TOTAL DEPTH (feet): 18.18

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(5.31 ft of water in casing X .17 gallons/foot) + (5.31 ft of annular water X .77 gallons/foot)] X 3 = 15.0 gallons to purged

PURGING Equipment Used: stainless steel 2.0" Grundfos submersible pump

NOTES: No lock on well

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0915	0.0	6.61	65.1	933	75		
0920	5.0	6.43	65.3	871	14.9		
0925	10.0	6.28	65.3	884	3.6		
0930	15.0	6.26	65.4	891	1.4		
0935	17.0	6.31	65.4	892	1.6		

SAMPLING Equipment Used: Dedicated 2" PVC bailer w/ 5 foot teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0945	6.30	65.4	898	1.5		LF05-5D	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-19-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294122

FIELD GROUND-WATER SAMPLING REPORT

Date: 10·19·95 Job: Carswell AFB Site: O.O PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11B

DEPTH TO WATER (feet): 9.88

TOTAL DEPTH (feet): 17.06

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(7.18 ft of water in casing X .19 gallons/foot) + (7.18 ft of annular water X .77 gallons/foot)] X 3 = 20.2 gallons to purged

PURGING Equipment Used: stainless steel 2" grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1057	0.0	9.71	69.5	965	7.2		
1104	6.75	6.58	70.5	856	4.18		
1111	13.50	6.67	70.5	847	2.68		
1118	20.25	6.54	70.5	849	1.3		
1120	22.25	6.52	70.4	850	1.41		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer with 5 foot teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1130	6.53	70.3	856	1.16		FT08-11B	

WEATHER: Clear AIR TEMP (°F): Lo 80s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-19-95
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294123

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11A

DEPTH TO WATER (feet): 12.66

TOTAL DEPTH (feet): 17.27

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.61 ft of water in casing X .17 gallons/foot) + (4.61 ft of annular water X .77 gallons/foot)] X 3 = 13.0 gallons to purged

PURGING Equipment Used: Stainless steel 2" Grundfos submersible pump, dedicated 2" PVC bailer

NOTES: Grundfos pump did not produce consistent volume, discontinued after approx 2.5 gal, continued using bailer

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1150	0.0	6.89	72.1	735	74.2		
1210	4.0	7.09	68.3	818	39.2		Using hand bailer
1215	5.0	6.77	67.5	783	>2000		Producing light brown fine sand Bailed dry

SAMPLING Equipment Used: Dedicated PVC bailer w/ 5 ft Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1510	6.81	67.3	753	28.3	12.74	FT08-11A	

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	[illegible]	[illegible]	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294124

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

T4A

DEPTH TO WATER (feet): 18.20

TOTAL DEPTH (feet): 21.68

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.48 ft of water in casing X .17 gallons/foot) + (3.48 ft of annular water X .77 gallons/foot)] X 3 = 9.8 gallons to purged

PURGING Equipment Used: Dedicated 2 inch PVC bailer

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1405	0.0	7.07	69.7	594	833		
1409	3.5	6.91	66.5	586	130		
1416	7.0	6.91	65.9	563	977		
1423	10.0	7.01	66.1	586	856		
1432	12.0	6.91	66.5	572	203		
1438	14.0	6.91	66.6	581	170		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer with 5 foot teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1450	6.96	66.3	573	63		T4A	

WEATHER: Clear AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-19-95
REVIEWED:	J Iecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294125

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: Q PID READING @ WELL HEAD (ppm): 0.5

SAMPLE LOCATION ID

WP07-10B

DEPTH TO WATER (feet): 27.88

TOTAL DEPTH (feet): 34.40

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(6.52 ft of water in casing X .17 gallons/foot) + (6.52 ft of annular water X .77 gallons/foot)] X 3 = ___ gallons to purged

PURGING Equipment Used: Grund Fos / Stainless Steel pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
~~1530~~ 1730	0.0	7.11	67.9	660	126		Began Purging / no odor
~~1533~~ 1733	6.0	7.16	64.2	623	36.6		
~~1535~~ 1735	12.0	6.93	63.7	634	13.9		
1740	18.0	6.89	63.3	632	7.2		
1742	20.0	6.87	63.5	6.32	4.0		

SAMPLING Equipment Used: Bailer (Dedicated w/ Teflon Leader)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1800	6.87	63.5	632	2.0	27.93	WP07-10B	

WEATHER: PC & Warm wind from the north AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10-19-95
REVIEWED:	J Pecore	JP	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

194125

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

T3

DEPTH TO WATER (feet): 4.28

TOTAL DEPTH (feet): 8.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.26 ft of water in casing X .17 gallons/foot) + (4.26 ft of annular water X .17 gallons/foot)] X 3 = 2.0 gallons to purged

PURGING Equipment Used: Stainless steel 2 inch Grundfos submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0818	0.0	6.27	68.4	615	1202		
0828	4.0	6.52	65.4	700	514		
0847	8.0	6.74	64.4	699	37.0		
0912	12.0	6.88	65.2	711	52.0		

SAMPLING Equipment Used: Dedicated PVC Bailer w/5ft Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0920	6.86	65.6	705	46.7		T3	

WEATHER: Clear AIR TEMP (°F): 50s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	Mark Bean	10-20-95
REVIEWED:	J Pecoie	JP	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294127

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 0.0

SAMPLE LOCATION ID

GMI 22-08M

DEPTH TO WATER (feet): 16.95

TOTAL DEPTH (feet): 25.23

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.28 ft of water in casing X .17 gallons/foot) + (8.28 ft of annular water X .77 gallons/foot)] X 3 = 23.35 gallons to purged

PURGING Equipment Used: stainless steel 2 inch Grundfos submersible

NOTES: Stainless Steel 2 in Grundfos submersible pump.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0951	0.0	6.73	61.8	2940	>2000 ~~2940~~	~~2.1~~	lt. Brown in color
1014	8.0	6.71	68.6	1160	70.0		
1039	16.0	6.75	67.9	980	24.4		
1052	24.0	6.70	67.7	973	43.8		
1053	24.5	6.71	67.9	970	42.0		

SAMPLING Equipment Used: Dedicated PVC Bailer w/ soft tygon tubing

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1100	6.75	67.6	874	15.6	16.78	GMI 22-08M	Turbidity increased during sampling

WEATHER: Clear AIR TEMP (°F): 50's

SAMPLE ID FOR QC SAMPLE(s): GMI 22 08M MS, GMI 22-08M MSD

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	Charles F. Smith	10-20-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294128

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-1A

DEPTH TO WATER (feet): 16.63

TOTAL DEPTH (feet): 33.76

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(17.13 ft of water in casing X .17 gallons/foot) + (17.13 ft of annular water X .17 gallons/foot)] X 3 = 48.31 gallons to purged

PURGING Equipment Used: Stainless steel 2 inch Grundfos submersible

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1320	0.0	6.35	66.5	685	62		
1332	16.0	6.36	68.6	752	3.82		
1344	32.0	6.44	68.7	780	3.52		
1356	48.0	6.27	68.5	803	1.33		
1358	50.5	6.26	67.5	789	1.11		

SAMPLING Equipment Used: ~~Teflon~~ Dedicated 2 inch PVC bailer w/ 5 pt Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1405	6.27	67.8	794	1.10	16.87	LF01-1A	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-20-95
REVIEWED:	J Pecoie	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294129

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-01E

DEPTH TO WATER (feet): 19.11

TOTAL DEPTH (feet): 30.12

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(13.01 ft of water in casing X .17 gallons/foot) + (13.01 ft of annular water X .17 gallons/foot)] X 3 = 36.6 gallons to purged

PURGING Equipment Used: stainless steel 2 inch Grundfos submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1554	0.0	7.30	63.8	669	890		Some fines produced
1606	12.5	7.67	64.8	728	75.2		
1618	25.00	6.68	66.1	733	9.02		Hydac left in sun
1630	37.5	6.72 gms	64.5	730	6.12		
1632	39.0	6.71	64.5	731	4.0		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	6.71	64.6	732	4.31	19.24	LF01-01E	Turbidity increased during sampling

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): FDUP05

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	[signature]	10-20-95
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294100

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-01C

DEPTH TO WATER (feet): 19.40

TOTAL DEPTH (feet): 32.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(13.14 ft of water in casing X .17 gallons/foot) + (13.14 ft of annular water X .77 gallons/foot)] X 3 = 39.0 gallons to purged

PURGING Equipment Used: Stainless steel 2 inch Grundfos submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1702	0.0	6.72	61.5	826	295		
1716	13.0	6.32	62.3	801	1.40		
1729	26.0	6.40	62.6	799	1.28		Slight Hydrocarbon odor
1740	39.0	6.37	62.5	787	.75		
1743	40.0	6.35	62.3	789	.67		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer with 5 foot teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1750	6.41	62.3	787	.61	20.03	LF01-01C	

WEATHER: Clear AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Mark Kean	[signature]	10-20-95
REVIEWED:	J Pesoie	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294131

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

GMI22-07M

DEPTH TO WATER (feet): 15.65

TOTAL DEPTH (feet): 23.23

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.58 ft of water in casing X .17 gallons/foot) + (7.58 ft of annular water X .17 gallons/foot)] X 3 = 21.84 gallons to purged

PURGING Equipment Used: Stainless steel 2 inch Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0844	0.0	6.34	65.3	783	275		pump quit pumping at 2 gal switched to bailer
0903	4.0	6.76	55.6	770	>2000		Turbidity increased when using bailer. Bailed dry at 4 gallons

SAMPLING Equipment Used: Disposable bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1220	6.82	66.4	780	35.4	15.68	GMI22-07M	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	Mark Bean	10-21-95
REVIEWED:	J Pecon	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294122

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

P3A

DEPTH TO WATER (feet): 11.91

TOTAL DEPTH (feet): 19.97

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [8.06 ft of water in casing X .17 gallons/foot) + 8.06 ft of annular water X .72 gallons/foot)] X 3 = 22.13 gallons to purged

PURGING Equipment Used: Stainless steel 2-inch grundfos submersible pump

NOTES: Boy scout weekend taking place in general area of P3A.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0934	0.0	6.73	66.0	864	>2000		
0935	7.5	6.80	65.6	860	1598		Light reddish brown in color
0948	15.0	6.82	65.2	806	87.4		
1000	23.0	6.84	65.5	801	53.0		
1004	25.0	6.87	65.5	788	16.09		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer with 5 foot teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1030	6.85	65.3	789	15.3	12.12	P3A	

WEATHER: Clear AIR TEMP (°F): 60s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Brown	Mark Brown	10-21-95
REVIEWED:	J Pecore	JP	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294133

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: 0 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

T7

DEPTH TO WATER (feet): 18.46

TOTAL DEPTH (feet): 22.52

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.59 ft of water in casing X .17 gallons/foot) + (4.59 ft of annular water X .17 gallons/foot)] X 3 = 2.38 gallons to purged

PURGING Equipment Used: Stainless steel 2 inch Grundfos submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1130	0.0	7.15	67.0	644	>2000		
1137	4.0	7.05	67.5	750	27.3		
1145	9.0	7.11	66.9	747	27.0		
1153	12.5	7.13	66.7	745	31.0		
1158	14.0	7.16	66.6	744	19.3		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1210	7.14	66.5	740	19.6	18.56	T7	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	Mark Bean	10-21-95
REVIEWED:	J Pegora	[illegible]	4-9-96

294134

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: D PID READING @ WELL HEAD (ppm): 4.0

SAMPLE LOCATION ID

ST14-02

DEPTH TO WATER (feet): 12.73

TOTAL DEPTH (feet): 19.38

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.65 ft of water in casing X .17 gallons/foot) + (6.65 ft of annular water X .17 gallons/foot)] X 3 = 18.75 gallons to purged

PURGING Equipment Used: stainless steel 2 inch Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1505	0.0	6.57	70.1	819	280		
1514	6.5	6.11	69.0	815	14.5		
1522	13.0	6.14	69.2	816	9.4		
1530	16.0	6.34	68.8	820	4.14		
1535	20.0	6.30	69.0	805	4.08		

SAMPLING Equipment Used: Dedicated 2 inch PVC bailer with teflon/stainless steel lead.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	6.32	68.7	819	4.45	13.04	ST14-02	

WEATHER: Clear AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Mark Bean	Mark Bean	10-21-95
REVIEWED:	J Pearce	[illegible]	4-9-96

294135

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK - 8

LAW PROJECT # 11-3517-3201

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294136

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID

ST14-W23

DEPTH TO WATER (feet): 7.27

TOTAL DEPTH (feet): 9.98

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(2.71 ft of water in casing X .17 gallons/foot) + (2.71 ft of annular water X .17 gallons/foot)] X 3 = 7.65 gallons to purged

PURGING Equipment Used: Dedicated bailer

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0940	0.0	6.98	68.5	575	31.3		Began purging / odorless
0950	2.5	7.32	67.8	~~988~~ 684	908	2	2.5 gals. / Turb.

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1050	7.20	67.5	675	600	7.30	ST14-W23	odorless

WEATHER: Clear & mild AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	Tom Calpepper	10-17-95
REVIEWED:	J Pecoie	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294137

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID

SD13-02

DEPTH TO WATER (feet): 15.24

TOTAL DEPTH (feet): 16.45

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(1.21 ft of water in casing X .17 gallons/foot) + (1.21 ft of annular water X .17 gallons/foot)] X 3 = 3.3 gallons to purged

PURGING Equipment Used: Dedicated Bailer

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1127	0.0	7.33	78.2	765	63.5		Began Parging/odorless
1134	1.0	7.20	77.8	742	44.5		—
1140	2.0	6.89	77.5	758	55.3		—
1145	3.5	6.85	77.7	753	67.9		Purging Complete

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1205	6.89	77.8	755	36.5	15.27	SD13-02	

WEATHER: Clear + Mild AIR TEMP (°F): 60's

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10/17/95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294138

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID

SD13-06

DEPTH TO WATER (feet): 12.21

TOTAL DEPTH (feet): 13.77

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(1.56 ft of water in casing X .66 gallons/foot) + (1.56 ft of annular water X 1.04 gallons/foot)] X 3 = 7.95 gallons to purged

PURGING Equipment Used: Dedicated bailer

NOTES: PID - not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1335	0.0	6.65	81.3	1082	15.3		Began Purging / no odor
1350	2.0	6.89	79.7	972	23.2		Well bailed dry
							will return to sample
							later in the day

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0915	6.94	80.0	997	17.8	12.80	SD13-06	Sampled on 10-18-95

WEATHER: Clear + Warm 70's AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	T. Calpepper	10-18-95
REVIEWED:	S Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294139

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID: SD13-07 Void

DEPTH TO WATER (feet): 18.21

TOTAL DEPTH (feet): 21.51

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(3.30 ft of water in casing X .66 gallons/foot) + (3.30 ft of annular water X 1.04 gallons/foot)] X 3 = 16.8 gallons to purged

PURGING Equipment Used: Dedicated bailer

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1410	0.0						
	Well not sampled!!!						
	Phase seperated product in bailer when						
	purging was began. Approx. 0.02' in bailer						

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
						~~SD13-07~~	Prod. in well

WEATHER: Clear & Warm AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Jon Cafyn	J. Cafyn	10-17-95
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

291140

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID

SD13-07

DEPTH TO WATER (feet): 18.21

TOTAL DEPTH (feet): 21.51

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION:[(3.30 ft of water in casing X .66 gallons/foot) + (3.30 ft of annular water X 1.04 gallons/foot)] X 3 = 168 gallons to purged

PURGING Equipment Used: Dedicated Bailer

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1500	0.0	7.20	77.0	964	14.6		Began Purging
1508	5.5	6.83	76.1	915	23.1		Still prod. in bailer
1523	11.0	6.85	75.8	895	43.7		" " "
1530	17.0	6.85	75.8	888	42.1		Completed Purging
1510	6.0	6.84	76.0	909	32.0		Dup. parameters

SAMPLING Equipment Used: Dedicated Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1535	6.85	75.6	892	43.0	18.21	SD13-07	Prod. when sampled

WEATHER: Clear & Warm AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): ~~Bailer C~~ TC ~~D~~

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culp	10-17-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294111

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID

ST14-03

DEPTH TO WATER (feet): 10.64

TOTAL DEPTH (feet): 19.80

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(9.16 ft of water in casing X .17 gallons/foot) + (9.16 ft of annular water X .77 gallons/foot)] X 3 = 25.83 gallons to purged

PURGING Equipment Used: Grundfos / Stainless steel pump

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1245	0.0	6.82	78.6	857	264		Began purging
1251	9.0	7.10	~~80.1~~ 78.1 TC	867	86.5		No odor
1257	18.0	6.98	77.1	832	54.7		"
1304	27.0	7.14	77.1	835	44.7		Purging complete
1305	27.0	7.15	77.3	840	44.9		

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1325	7.07	77.1	840	345.0	10.67	ST14-03	

WEATHER: Clear & Warm AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	T. Cal	10-18-95
REVIEWED:	J Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

29112

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID: ST14-01

DEPTH TO WATER (feet): 14.47

TOTAL DEPTH (feet): 18.33

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(3.86 ft of water in casing X .17 gallons/foot) + (3.86 ft of annular water X .17 gallons/foot)] X 3 = 10.5 gallons to purged

PURGING Equipment Used: Grund Fos Stainless steel pump

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1350	0.0	7.09	81.0	789	45.1		Began purging/odorless
1354	2.5	6.96	77.6	789	14.6		
1357	5.0	7.03	76.6	787	6.1		
1400	7.5	7.14	76.0	782	2.8		
1403	11.0	7.09	76.1	785	2.9		Completed purging

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1415	7.11	76.4	783	10.5	14.47	ST14-01	

WEATHER: Clear & Warm AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10-18-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
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294143

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: — PID READING @ WELL HEAD (ppm): —

SAMPLE LOCATION ID: ST14-W09

DEPTH TO WATER (feet): 9.52

TOTAL DEPTH (feet): 20.14

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(10.62 ft of water in casing X .17 gallons/foot) + (10.62 ft of annular water X .17 gallons/foot)] X 3 = 29.94 gallons to purged

PURGING Equipment Used: Grand Fos / stainless steel pump

NOTES: PID not working

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1540	0.0	6.93	75.9	816	102		no odor / began purging
1546	10.0	7.19	73.0	797	32.8		slowed down pump rate
1557	20.0	7.21	73.2	795.	4.11		
1605	30	7.15	73.2	797	2.12		Purging Complete
1540 Dup	1.5	6.98	74.0	800	~~349.9~~ 45		Dup - 1540

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1645	7.00	73.8	800	300	9.56	ST14W09	

WEATHER: Clear Hot AIR TEMP (°F): Mid 80's

SAMPLE ID FOR QC SAMPLE(s): ST14-W09MS / MSD

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culp	10-18-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294144

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 1.5

SAMPLE LOCATION ID

ST14-W07

DEPTH TO WATER (feet): 13.07

TOTAL DEPTH (feet): 24.66

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.96 ft of water in casing X .17 gallons/foot) + (10.96 ft of annular water X .77 gallons/foot)] X 3 = 19.74 gallons to purged

PURGING Equipment Used: Grund Fos / Stainless steel pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0820	0.0	6.74	70.4	678	200		Began purging / odorless
0824	6.5	6.79	70.6	682	116.5		–
0830	13.0	6.80	71.1	687	38.8		Clearing
0838	21.0	6.78	71.1	690	9.68		Purging complete
0839	21.0	6.80	71.1	690	9.72		

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0855	6.79	71.0	685	749	13.08	ST14-W07	

WEATHER: Clear & cool AIR TEMP (°F): 50's

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	T. Calpepper	10-19-95
REVIEWED:	J Pecora	[illegible]	4-7-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294145

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: O.O PID READING @ WELL HEAD (ppm): 0.01

SAMPLE LOCATION ID

ST14-W06

DEPTH TO WATER (feet): 11.60

TOTAL DEPTH (feet): 22.37

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.77 ft of water in casing X .17 gallons/foot) + (10.77 ft of annular water X .77 gallons/foot)] X 3 = 30.26 gallons to purged

PURGING Equipment Used: Grund Fos / Stainless Steel pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0930	0.0	8.40	75.3	~~6.90~~ 690	140		Began purging/odorless
0940	10.0	7.90	76.6	730	12.0		
0948	20.0	7.64	77.0	724	9.8		
0956	32.0	7.60	76.6	724	9.05		Completed purging
0957	32.0	7.61	76.7	720	9.17		

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	7.66	76.6	726	124	11.62	ST14-W06	

WEATHER: Clear & Mild 60's SE Wind AIR TEMP (°F): 60s

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294146

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 2.6

SAMPLE LOCATION ID

ST14-W08

DEPTH TO WATER (feet): 11.70

TOTAL DEPTH (feet): 24.97

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(13.27 ft of water in casing X .17 gallons/foot) + (13.27 ft of annular water X .17 gallons/foot)] X 3 = 37.44 gallons to purged

PURGING Equipment Used: GrundFos / Stainless Steel pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1115	0.0	7.47	72.9	717	754		began purging / slight / Dark odor / brown sil
1127	12.5	7.62	72.1	722	164.8		odor / cle
1135	25.0	7.46	71.8	718	56.7		
1147	38.0	7.42	71.9	717	35.9		Purging complete
1129	14.0	7.50	72.0	719	100.0		Dup of 12.5 gal.

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1210	7.44	71.8	717	201	11.74	ST14-W08	Odor / Hydrocarbon

WEATHER: Clear & Warm 70's Wind from S+SW AIR TEMP (°F): 70°

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

299147

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: 0.0 PID READING @ WELL HEAD (ppm): 0.8

SAMPLE LOCATION ID

STM-W05

DEPTH TO WATER (feet): 8.70

TOTAL DEPTH (feet): 16.23

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.53 ft of water in casing X .17 gallons/foot) + (7.63 ft of annular water X .77 gallons/foot)] X 3 = 21.24 gallons to purged

PURGING Equipment Used: Grund Fos / stainless steel pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1326	0.0	7.38	80.4	759	31.7		Began purging / odorless
1331	7.5	7.41	79.4	744	3.29		
1336	15.0	7.20	79.6	743	1.41		
1345	22.0	7.23	79.5	743	1.20		Purging Complete

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1355	7.23	80.0	744	24.7	8.70	STM-W05	

WEATHER: Clear + Hot SW Gusty Wind AIR TEMP (°F): 80°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	T Calpepper	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

294118

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: Ø PID READING @ WELL HEAD (ppm): 128

SAMPLE LOCATION ID

ST14-W09

DEPTH TO WATER (feet): 10.32

TOTAL DEPTH (feet): 16.64

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.32 ft of water in casing X .17 gallons/foot) + (6.32 ft of annular water X .17 gallons/foot)] X 3 = 17.82 gallons to purged

PURGING Equipment Used: Grund Fos / Stainless Steel pump

NOTES: Hydrocarbon odor

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1430	0.0	7.13	80.3	815	208		began purging / odor
1434	6.0	6.88	79.1	801	17.4		clearing
1442	12.0	6.85	78.5	800	6.49		" "
1449	18.0	6.81	78.4	801	1.70		Purging complete
1452	19.0	6.81	78.3	803	1.72		18.0 Dup.

SAMPLING Equipment Used: Bailer (Dedicated)

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500	6.81	78.5	804	241	10.35	ST14-W09	

WEATHER: PC + Hot S.W. Wind 10-20mph AIR TEMP (°F): 80's

SAMPLE ID FOR QC SAMPLE(s): ST14-W09 MS/MSD

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	T. Culpepper	10-19-95
REVIEWED:	J Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294149

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.1

SAMPLE LOCATION ID: ST-14-M15

DEPTH TO WATER (feet): 11.06

TOTAL DEPTH (feet): 18.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.74 ft of water in casing X .17 gallons/foot) + (7.74 ft of annular water X .17 gallons/foot)] X 3 = 21.83 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: background pid = 0ppm ; slow pump rate

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0811	0.0	7.08	68.5	625	1000		begin purging turbid/sl hydrocarbon odor
0825	7.3	7.04	71.3	670	2.45		water clearing
0840	14.6	6.90	71.7	664	54.4		
	~~16.21.9~~ HAL						well dry

SAMPLING Equipment Used: dedicated PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0859	6.98	58.3	597	823	11.13	ST14-W15	

WEATHER: windy, sunny, clear AIR TEMP (°F): 56°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	Heather Laswell	10-20-95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294150

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 4.4

SAMPLE LOCATION ID: ST14-M16

DEPTH TO WATER (feet): 9.04

TOTAL DEPTH (feet): 18.58

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(9.54 ft of water in casing X .17 gallons/foot) + (9.54 ft of annular water X .77 gallons/foot)] X 3 = 26.9 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: Background PID = 0.4, strong odor on dup

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0934	0.0	7.04	69.5	666	400		
0940	9.0	7.08	71.9	697	92.5		
0945	18	7.06	72.3	693	6.32		
0952	27	7.14	70.4	667	3.13		
0948	19	7.08	71.6	678	4.86		dup. parameters

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1001				1320	9.10	ST14-M16	

WEATHER: windy, clear, sunny AIR TEMP (°F): mid 50s

SAMPLE ID FOR QC SAMPLE(s): FDUP-6

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather A Laswell	10-20-95
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294151

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 3.5

SAMPLE LOCATION ID: ST14-W20

DEPTH TO WATER (feet): 9.68

TOTAL DEPTH (feet): 15.82

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.14 ft of water in casing X .17 gallons/foot) + (6.14 ft of annular water X .77 gallons/foot)] X 3 = 17.31 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Background PID = 0ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1110	0.0	7.03	74.5	801	89.1		
1117	5.8	7.03	77.3	782	225		
1122	11.6	7.04	77.4	749	39.4		
1126	17.4	7.03	77.1	805	10.92		
1119	7	7.04	77.4	763	146		field parameter dup

SAMPLING Equipment Used: Dedicated PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1135				24.6	9.76	ST14-W20	

WEATHER: Sunny, clear AIR TEMP (°F): 60s

SAMPLE ID FOR QC SAMPLE(s): FDUP-3

	NAME	SIGNATURE	DATE
PREPARED:	Heather Alaswell	Heather Alaswell	10-20-95
REVIEWED:	S Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294152

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W11

DEPTH TO WATER (feet): 8.80

TOTAL DEPTH (feet): 19.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(11 ft of water in casing X .17 gallons/foot) + (11 ft of annular water X .77 gallons/foot)] X 3 = 31.02 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: Background PID = 0ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1339	0.0	6.54	74.0	727	39.0		no odor
1345	10.34	7.26	74.7	756	5.30		
1352	20.68	7.17	73.8	758	3.29		
1358	31.02	7.09	74.4	755	2.25		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1406				80.0	8.80	ST14-W11	

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 70s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Caswell	Heather A Caswell	10-20-95
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294153

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W13

DEPTH TO WATER (feet): 9.44

TOTAL DEPTH (feet): 17.11

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.67 ft of water in casing X .17 gallons/foot) + (7.67 ft of annular water X .17 gallons/foot)] X 3 = 21.63 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: background PID = 0

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1442	0.0	7.06	73.8	1113	212.0		had to slow pump rate
1449	7.2	7.02	74.4	732	123.5		
1451	14.4	7.05	74.5	746	235		
1504	21.6	7.06	74.4	748	64.4		
1452	8.5	7.03	74.5	740	189		parameter dup

SAMPLING Equipment Used: Ded. coated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1515	7.05	74.5	750	125	9.56	ST14-W13	

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Lasuell	Heather A Lasuell	10-20-95
REVIEWED:	J Pecora	[signature]	4-9-96

294154

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-20-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: LSA 1628-3

DEPTH TO WATER (feet): 9.92

TOTAL DEPTH (feet): 17.83

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(7.91 ft of water in casing X .66 gallons/foot) + (7.91 ft of annular water X 1.04 gallons/foot)] X 3 = 40.55 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: Background pid = 0 ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1625	0.0	6.93	77.2	1385	60.5		
1635	13.5	6.92	77.7	1357	11.6		
1644	27.0	6.93	77.6	1336	10.8		
1653	40.5	6.96	77.7	1329	8.95		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1700	6.97	77.8	1308	7.68	10.01	LSA 1628-3	

WEATHER: Sunny, windy AIR TEMP (°F): mid 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather A Laswell	10-20-95
REVIEWED:	J Pecol	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294155

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 200

SAMPLE LOCATION ID

SD13-03

DEPTH TO WATER (feet): 12.10

TOTAL DEPTH (feet): 16.53

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.43 ft of water in casing X 17 gallons/foot) + (4.43 ft of annular water X .77 gallons/foot)] X 3 = 12.49 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Background PID = .8 ppm Breathing Zone = .7 ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0824	0.0	6.65	70.8	685	18.3		hydrocarbon odor
0827	4.2	6.85	73.8	719	11.8		
0831	8.4	6.84	74.1	728	7.06		
0833	12.6	6.87	74.1	732	5.82		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0841	6.88	74.2	739	4.52	12.14	SD13-03	

WEATHER: Sunny Clear AIR TEMP (°F): mid 60s

SAMPLE ID FOR QC SAMPLE(s): SD13-03 MS & SD13-03 MSD

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather A Laswell	10-21-95
REVIEWED:	J Pecom	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294156

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 151

SAMPLE LOCATION ID

SD-13-01

DEPTH TO WATER (feet): 13.24

TOTAL DEPTH (feet): 17.40

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.16 ft of water in casing X .17 gallons/foot) + (4.16 ft of annular water X .77 gallons/foot)] X 3 = 11.73 gallons to purged

PURGING Equipment Used: Grondfos Pump

NOTES: Background PID = 0.0 Breathing Zone = 0

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0912	0.0	7.04	69.7	618	90.6		
0914	4	6.82	74.6	720	21.2		
0920	8	7.07	75.4	714	6.65		
0923	12	6.96	75.0	711	6.13		
0918	7	6.98	74.8	718	12.43		dup field parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0930	6.91	75.1	706	5.96	13.27	SD13-01	

WEATHER: sunny, clear AIR TEMP (°F): high 60's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Caswell	Heather Caswell	10-21-95
REVIEWED:	J. Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

284157

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: OT15C

DEPTH TO WATER (feet): 8.77

TOTAL DEPTH (feet): 15.45

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.68 ft of water in casing X .17 gallons/foot) + (6.68 ft of annular water X .17 gallons/foot)] X 3 = 18.84 ~~24.25~~ gallons to purged

PURGING Equipment Used: Grundfos / Stainless steel pump

NOTES: Background PID = 0

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1048	0.0	7.14	77.2	712	19.68		Begun Purging
1055	6.5	6.84	79.2	812	9.75		
1100	13.0	7.02	79.4	826	7.92		
1106	19.5	7.05	79.5	830	6.32		Purging complete

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1112	7.06	79.4	834	5.86	8.57	OT15C	

WEATHER: sunny, clear AIR TEMP (°F): high 60's

SAMPLE ID FOR QC SAMPLE(s): OT15C MS, OT15C MSD, FDUP-8

	NAME	SIGNATURE	DATE
PREPARED:	HEATHER A CASWELL	Heather Caswell	10-21-95
REVIEWED:	J. Pecor	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294153

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14-W22

DEPTH TO WATER (feet): 10.68

TOTAL DEPTH (feet): 14.05

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.37 ft of water in casing X .17 gallons/foot) + (3.37 ft of annular water X .77 gallons/foot)] X 3 = 9.50 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Background PID = 0

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1151	0.0	7.38	79.2	777	85.0		
1159	3.2	7.03	79.5	844	27.5		
1210	6.4	6.95	80.3	846	18.9		
1219	9.6	6.91	80.3	847	9.86		
1202	3.8	6.98	80.1	844	843		dup field parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1224	6.90	80.2	845	63.2	10.68	ST14-W22	

WEATHER: Sunny, clear, windy AIR TEMP (°F): high 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Caswell	Heather A Caswell	10-21-95
REVIEWED:	J. Pecore	JP	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294159

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-21-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 450

SAMPLE LOCATION ID

LSA 1628-2

DEPTH TO WATER (feet): 10.40

TOTAL DEPTH (feet): 19.10

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(8.7 ft of water in casing X .66 gallons/foot) + (8.7 ft of annular water X 1.01 gallons/foot)] X 3 = 44.34 gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES: Background PID = 0 Depth to product = 10.31

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1442	0.0	7.09	78.6	1355	63.5		
1448	14.8	7.11	78.8	1394	41.6		
1504 20	~~29.6~~						well purged dry
	~~44.4~~						
1530	29.6	7.13	78.8	1378	37.8		begin purge again
1545	44.4	7.11	78.9	1389	29.6		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
						LSA 1628-2	

WEATHER: sunny, clear, windy AIR TEMP (°F): low 80's

SAMPLE ID FOR QC SAMPLE(s): MA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather A Laswell	10-21-95
REVIEWED:	J. Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294160

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-23-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.3

SAMPLE LOCATION ID

SD 13-05

DEPTH TO WATER (feet): 9.78

TOTAL DEPTH (feet): 13.64

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(3.86 ft of water in casing X .66 gallons/foot) + (3.86 ft of annular water X 1.04 gallons/foot)] X 3 = 19.69 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: background = 0

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0828	0.0	6.65	78.2	667	5.50		
0839	6.6	6.82	78.1	665	4.72		
0852	13.2	7.24	78.3	667	3.58		
0903	19.8	7.40	78.2	668	2.01		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0911	7.38	78.3	669	2.59	9.83	SD13-05	

WEATHER: overcast, windy AIR TEMP (°F): mid 60's

SAMPLE ID FOR QC SAMPLE(s): FDUP-4

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather Laswell	10-23-95
REVIEWED:	J. Pecora	[illegible]	4-9-96

#9

294131

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK

LAW PROJECT # 11-3517-3201

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294162

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.7

SAMPLE LOCATION ID: LF04-4B

DEPTH TO WATER (feet): 21.34

TOTAL DEPTH (feet): 25.30

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.66 ft of water in casing X .17 gallons/foot) + (10.66 ft of annular water X .77 gallons/foot)] X 3 = 10.02 gallons to purged

PURGING Equipment Used: PVC bailer (dedicated)

NOTES: background PID 1.4 ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
859	0.0	6.51	67.4	733	2.7		
1706	3.2	7.27	75.3	748	398		
1722	6.4	7.33	73.8	727	172.1		
1738	9.6	7.41	73.3	725	151.6		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1748	7.37	73.7	731	61.8	21.38	LF04-4A	

WEATHER: Sunny, clear AIR TEMP (°F): 87

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	[signature]	10-17-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294193

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.7

SAMPLE LOCATION ID

LF04-4A

DEPTH TO WATER (feet): 14.13

TOTAL DEPTH (feet): 24.79

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.66 ft of water in casing X .17 gallons/foot) + (10.66 ft of annular water X .77 gallons/foot)] X 3 = 10.02 gallons to purged

PURGING Equipment Used: PVC bailer (dedicated)

NOTES: background PID was .4

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0921	0.0	7.08	67.5	567	1.5		
0948	4.4	7.34	67.4	583	998		
0959	8.8	7.33	68.5	590	>1000		
1019	12.4	7.68	68.9	581	>1000		
0949	4.6	7.33	67.8	589	>1000		dup parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1521	7.50	79.5	668	48.8	14.22	LF04-4A	

WEATHER: Sunny, clear, slight breeze ~~70's~~ AIR TEMP (°F): mid 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	Heather Laswell	10-17-95
REVIEWED:	J Pecon		4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294164

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-17-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.3

SAMPLE LOCATION ID

GM122-05M

DEPTH TO WATER (feet): 11.75

TOTAL DEPTH (feet): 13.74

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(1.99 ft of water in casing X .17 gallons/foot) + (~~NA~~ ft of annular water X ~~NA~~ .37 gallons/foot)] X 3 = ~~8.66~~ 5.60 gallons to purged

PURGING Equipment Used: PVC Bailer (Dedicated)

NOTES: Background PID was 1.2

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1111	0.0	7.23	75.0	1128	22.6		
1131	2.9	7.22	77.2	1158	86.7		
1150	5.8	7.23	77.2	1154	53.9		
1210	8.6	7.38	75.7	1136	31.9		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1614	7.17	79.7	1165	13.8	11.75	GM122-05M	

WEATHER: Sunny, clear, breezy AIR TEMP (°F): 85°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	Heather Laswell	10-17-95
REVIEWED:	J Pecora	[signature]	4-9-96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294195

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.6

SAMPLE LOCATION ID

MW-11

DEPTH TO WATER (feet): 26.80

TOTAL DEPTH (feet): 32.43

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(5.63 ft of water in casing X .66 gallons/foot) + (5.63 ft of annular water X .04 gallons/foot)] X 3 = 28.71 gallons to purged

PURGING Equipment Used: PVC bailer (dedicated)

NOTES: Background PID - 1.3ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0918	0.0	6.58	69.9	840	27.1		
0931	4.5	6.92	68.8	855	122.6		
1000	9.0	6.95	68.9	821	396		
1050	13.5	7.30	70.2	808	157.3		
0928	4.0	6.77	69.1	845	81.6		duplicate parameters

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1410	6.62	74.1	820	24.1	26.89	MW-11	

WEATHER: Sunny, Clear AIR TEMP (°F): 73°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	Heather Laswell	10-18-95
REVIEWED:	J Pecon	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294166

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

WP07-10C

DEPTH TO WATER (feet): _____

TOTAL DEPTH (feet): _____

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(8.35 ft of water in casing X .17 gallons/foot) + (8.35 ft of annular water X .27 gallons/foot)] X 3 = 23.4 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1132	0.0	6.67	75.4	1223	36.0		Clear, Fuel ~~No~~ odor
1136	7.8	6.65	74.5	938	8.8		
1140	15.6	6.68	73.4	919	3.2		
1145	23.4	6.67	73.6	897	2.4		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1150					20.59	WP07-10C	

WEATHER: Sunny, clear AIR TEMP (°F): high 70s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Laswell	Heather Laswell	10-18-95
REVIEWED:	J Pecor	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294167

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.9

SAMPLE LOCATION ID

LF04-4E

DEPTH TO WATER (feet): 23.72

TOTAL DEPTH (feet): 30.76

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(7.04 ft of water in casing X .77 gallons/foot) + (7.04 ft of annular water X .17 gallons/foot)] X 3 = 9.85 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: Background PID 2.8ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1526	0.0	6.90	79.4	735	17.6		
1531	6.6	6.95	76.6	713	36.6		
1535	13.2	6.96	76.0	709	10.7		
1540	19.8	6.97	74.7	698	3.80		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1551					23.76	LF04-4E	

WEATHER: Sunny, Clear AIR TEMP (°F): high 70's

SAMPLE ID FOR QC SAMPLE(s): LF04-4EMS & LF04-4EMSD

	NAME	SIGNATURE	DATE
PREPARED:	Heather Caswell	Heather Caswell	10-18-95
REVIEWED:	S Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294168

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-18-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 5.3

SAMPLE LOCATION ID

LF04.4D

DEPTH TO WATER (feet): ~~27.69~~ 20.45 HAC

TOTAL DEPTH (feet): 27.60

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(___ ft of water in casing X .77 gallons/foot) + (___ ft of annular water X .17 gallons/foot)] X 3 = 20.42 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: Background PID = 1.7 ppm

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1658	0.0	6.91	78.6	787	113.3		
1701	6.8	6.92	75.4	759	32.2		
1704	13.6	6.93	73.5	758	11.37		
1707	20.4	6.91	74.0	767	7.04		
1702	8.9	6.92	74.8	758	26.4		dup Parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1718					20.45	LF04.4D	

WEATHER: Sunny clear AIR TEMP (°F): mid 70's

SAMPLE ID FOR QC SAMPLE(s): ~~Dedicated PVC~~ NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Caswell	Heather Caswell	10-18-95
REVIEWED:	J. Pecoin	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294169

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.22

SAMPLE LOCATION ID

MW-8

DEPTH TO WATER (feet): 8.96

TOTAL DEPTH (feet): 26.83

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(17.87 ft of water in casing X .66 gallons/foot) + (17.87 ft of annular water X 1.04 gallons/foot)] X 3 = 91.14 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: Background PID - 1.0 ppm; product at 8.95

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0812	0.0	6.49	60.0	673	18.9		
0825	30.4	6.80	61.1	717	2.11		fuel odor
0840	60.8	6.82	62.2	751	1.62		
0854	91.2	6.87	62.4	759	1.08		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0900						MW-8	

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 70s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Caswell	Heather A Caswell	10-19-95
REVIEWED:	J Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294170

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.6

SAMPLE LOCATION ID: MW-10

DEPTH TO WATER (feet): 14.66

TOTAL DEPTH (feet): 32.91

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(18.25 ft of water in casing X .66 gallons/foot) + (18.25 ft of annular water X 1.04 gallons/foot)] X 3 = 93.28 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: background PID = 1.3, product at 14.65

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1441	0.0	~~6.70~~ 6.63	69.5	1406	228		fuel odor
1505	31.	6.69	70.1	1130	326		purged dry
	~~62~~						
	~~93~~						
1530		6.69	69.2	1120	165		dup. parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 80's

SAMPLE ID FOR QC SAMPLE(s): MW-10MS & MW-10MSD

	NAME	SIGNATURE	DATE
PREPARED:	Heather Laswell	Heather Laswell	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

294171

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.9

SAMPLE LOCATION ID: MW-9

DEPTH TO WATER (feet): 10.90

TOTAL DEPTH (feet): 27.90

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(17 ft of water in casing X 66 gallons/foot) + (17 ft of annular water X 1.04 gallons/foot)] X 3 = 86.7 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: product - 10.89 background PID = 1.6

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0942	0.0	6.81	62.9	1075	2.82		fuel odor
0951	28.9	6.86	63.5	1070	3.09		
1001	57.8	6.89	64.2	1095	1.20		
1012	86.7	6.89	63.5	1089	1.06		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1030						MW-9	

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Caswell	Heather A Caswell	10-19-95
REVIEWED:	J Pecoraro	[illegible]	4-9-96

294172

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 3.2

SAMPLE LOCATION ID

BSS A

DEPTH TO WATER (feet): 5.09

TOTAL DEPTH (feet): 10.36

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(5.27 ft of water in casing X .17 gallons/foot) + (5.27 ft of annular water X .77 gallons/foot)] X 3 = 14.86 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: PID = 1.1 Background

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1124	0.0	6.77	73.8	723	273		
1129	4.9	6.73	76.3	918	22.4		
1133	9.9	6.74	76.1	928	4.14		
1136	14.8	6.71	75.9	921	2.74		
1134	11.6	6.72	74.0	926	3.48		dup parameter

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 70s

SAMPLE ID FOR QC SAMPLE(s): Dup sample was taken

	NAME	SIGNATURE	DATE
PREPARED:	Heather A Caswell	Heather Caswell	10-19-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294173

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1.8

SAMPLE LOCATION ID: MW-12

DEPTH TO WATER (feet): 10.08

TOTAL DEPTH (feet): 27.40

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(17.32 ft of water in casing X .66 gallons/foot) + (17.32 ft of annular water X 1.04 gallons/foot)] X 3 = 88.33 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES: Background PID = 1.3

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1330	0.0	11.92	73.8	842	1.90		slight sweet odor
1341	29.4	11.85	71.2	908	5.70		well purged dry
1352	58.8	—	—	—	—	—	well purged dry
	~~88.3~~ JAC						

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, clear AIR TEMP (°F): high 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Heather Alaswell	Heather Alaswell	10-19-95
REVIEWED:	J Pecora	[illegible]	4-9-96

294174

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 10-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF04-4F

DEPTH TO WATER (feet): _____

TOTAL DEPTH (feet): 37.26

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: _____

NOTES: background PID=

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
							Dup. Parameters

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, clear, windy AIR TEMP (°F): mid 80's

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			4-9-96 4/9/96

File = GWSAMPCA.REP Project 11-3517-3201 More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294175

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/20/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

SM122-06M

DEPTH TO WATER (feet): 18.32

TOTAL DEPTH (feet): 26.58

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(8.26 ft of water in casing X .17 gallons/foot) + (8.26 ft of annular water X .17 gallons/foot)] X 3 = 23.28 gallons to purged

PURGING Equipment Used: Grundfos 2" submersible pump (stainless steel)

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0815	0.0	6.72	65.0	1273	9.22		no odor
0823	8.0	6.69	65.2	1219	26.8		no odor
0831	16.0	6.82	65.4	1223	12.5		no odor
0839	24.0	6.90	69.0	1244	3.53		no odor

SAMPLING Equipment Used: Dedicated PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, windy AIR TEMP (°F): 55-60 °F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kibure	[signature]	10/20/95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294176

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/20/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

GM122 - 03m

DEPTH TO WATER (feet): 20.54

TOTAL DEPTH (feet): 34.95

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(14.39 ft of water in casing X .17 gallons/foot) + (14.39 ft of annular water X .29 gallons/foot)] X 3 = 40.59 gallons to purged

PURGING Equipment Used: Grundfos 2" submersible pump (stainless steel)

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0714	0.0	6.85	65.1	963	456		no odor
0721	14.0	6.51	67.5	1099	22.8		no odor
0728	28.0	6.39	67.9	1104	3.17		no odor
0735	42.0	6.34	68.7	1115	3.51		no odor

SAMPLING Equipment Used: Dedicated PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, windy AIR TEMP (°F): 55-60°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kibur	Jeri L. Kibur	10/20/95
REVIEWED:	J Pecon	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294177

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/20/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0.0

SAMPLE LOCATION ID

GM122-02M

DEPTH TO WATER (feet): 8.96

TOTAL DEPTH (feet): 28.11

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(19.15 ft of water in casing X .17 gallons/foot) + (19.15 ft of annular water X .77 gallons/foot)] X 3 = 54.00 gallons to purged

PURGING Equipment Used: Grundfos 2" submersible pump (stainless steel)

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1126	0.0	7.0	70.2	512	109.3		no odor
1135	18.0	6.75	72.1	642	6.68		
1144	36.0	6.65	72.5	690	2.78		
1154	54.0	6.74	72.1	694	2.13		

SAMPLING Equipment Used: Dedicated PVC Bailer.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, Windy AIR TEMP (°F): 65°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kiburz	Jeri L. Kiburz	10/20/95
REVIEWED:	J Pecora	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294178

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/20/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0.2

SAMPLE LOCATION ID

3M-122-04M

DEPTH TO WATER (feet): 19.55

TOTAL DEPTH (feet): 25.55

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(6 cc ft of water in casing X .17 gallons/foot) + (6 cc ft of annular water X .77 gallons/foot)] X 3 = 16.92 gallons to purged

PURGING Equipment Used: Grundfos 2" submersible pump (stainless steel)

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1329	0.0	6.54	72.5	1245	1212		odor
1334	6.0	6.71	73.7	1211	9.62		no odor
1340	12.0	6.79	71.6	1205	1.59		no odor
1346	18.0	6.73	71.8	1193	1.18		no odor

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny, windy AIR TEMP (°F): 70°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jill L. Kiburz	Jill L. Kiburz	10/20/95
REVIEWED:	J Pecore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

284179

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/20/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): Peak - 569 ppm Stable - 78 ppm Breathing Zone - 0 ppm

SAMPLE LOCATION ID

LSA1628-1

DEPTH TO WATER (feet): 10.09 Depth to Product - 9.90

TOTAL DEPTH (feet): 19.00

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(9.10 ft of water in casing X .67 gallons/foot) + (9.10 ft of annular water X 1.04 gallons/foot)] X 3 = 46.65 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos 2" Submersible pump / Dedicated PVC Bailer

NOTES: Well DRY with pump No Flow Bailed DRY with dedicated bailer

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1428	0.0	6.79	70.2	1050	7.82		fuel odor, free product
1450	10.0	6.81	67.3	1012	>200		fuel odor, black in color DRY
							Let recharge, wait Then sample.

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1520	6.88	68.4	1001	23.5	10.50	LSA1628-1	~~[illegible]~~ product in sample heavy odor

WEATHER: Sunny, Windy AIR TEMP (°F): 70°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kiburz	Jeri L. Kiburz	10/20/95
REVIEWED:	J Becon	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294180

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/21/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 3.2

SAMPLE LOCATION ID

ST14-W21

DEPTH TO WATER (feet): 10.97

TOTAL DEPTH (feet): 17.95

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.98 ft of water in casing X .17 gallons/foot) + (6.98 ft of annular water X .77 gallons/foot)] X 3 = 19.11 gallons to purged

PURGING Equipment Used: Grundfos 2" submersible pump (stainless steel) Dedicated PVC Bailer

NOTES: well purged DRY using pump and bailer

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0840	0.0	6.85	62.3	629	1100		Turbid Brown DRY after 1 gal.
0859	3.5	6.87	62.5	723	900		Let recharge reduce flow Purged DRY
							Begin bailing well. Well Bailed DRY.
							will allow to recharge 85% and sample.

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1016	6.83	65.4	~~683~~ 725	38.3	10.98	ST14-W21	

WEATHER: Sunny, windy AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Jesi L. Kiburz	Jesi L. Kiburz	10/21/95
REVIEWED:	J Recora	[illegible]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294131

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/21/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0.7 ppm

SAMPLE LOCATION ID

ST14 - 0004

DEPTH TO WATER (feet): 13.24

TOTAL DEPTH (feet): 17.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.61 ft of water in casing X .17 gallons/foot) + (4.61 ft of annular water X .77 gallons/foot)] X 3 = 12.99 gallons to purged

PURGING Equipment Used: Ded. coated PVC Bailer

NOTES: Bailer used due to shallow water column

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0915	0.0	6.66	66.0	734	29.6		no odor
0924	4.50	6.83	68.8	726	885		fuel odor slight sheen
0933	9.0	6.92	68.0	749	918		fuel odor slight sheen
0944	13.50	6.90	68.6	761	950		fuel odor slight sheen

SAMPLING Equipment Used: Ded. coated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0951	7.03	69.2	809	51.8	13.25	ST14-0004	1350 sample time

WEATHER: Sunny, windy AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kibure	Jeri L. Kibure	10/21/95
REVIEWED:	J Recore	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294132

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/21/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 4.1 ppm

SAMPLE LOCATION ID

GM104-DIM

DEPTH TO WATER (feet): 19.82

TOTAL DEPTH (feet): 34.77

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(14.95 ft of water in casing X .17 gallons/foot) + (14.95 ft of annular water X .17 gallons/foot)] X 3 = 42.15 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos 2" submersible pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1123	0.0	6.88	68.5	773	100.5		turb. & bi. sweet odor
1131	14.50	7.04	68.4	789	47.3		sweet odor
1138	29.00	7.11	68.3	788	15.6		sweet odor
1145	42.50	7.07	68.1	789	7.4		sweet odor

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1155					19.91	GM104-DIM	

WEATHER: Sunny, windy AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s): FDUP-1

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kiburz	Jeri L. Kiburz	10/21/95
REVIEWED:	J Record	[illegible]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294133

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/21/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.4

SAMPLE LOCATION ID

2F05-5G

DEPTH TO WATER (feet): 21.13

TOTAL DEPTH (feet): 30.22

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(9.09 ft of water in casing X .17 gallons/foot) + (9.09 ft of annular water X .77 gallons/foot)] X 3 = 25.68 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos 2" submersible pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1405	0.0	6.69	72.4	1220	170		fuel odor
1413	9.50	6.89	69.8	1208	14.5		
1418	19.00	6.96	69.7	1190	3.8		
1422	23.50	6.94	69.5	1176	2.4		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1435					21.17	2F05-5G	

WEATHER: Sunny, windy AIR TEMP (°F): 70

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kibure	Jeri L. Kibure	10/21/95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294134

FIELD GROUND-WATER SAMPLING REPORT

Date: 10/21/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 3.2

SAMPLE LOCATION ID

LF04-4F

DEPTH TO WATER (feet): 29.35

TOTAL DEPTH (feet): 37.26

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.91 ft of water in casing X .17 gallons/foot) + (7.91 ft of annular water X .17 gallons/foot)] X 3 = 22.29 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos 2" submersible pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1455	0.0	7.01	71.7	759	37.8		
1504	7.50	7.07	70.3	783	4.3		
1508	15.00	7.10	69.8	781	2.2		
1512	22.50	7.12	69.7	781	1.7		

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1525					29.37	LF04-4F	

WEATHER: Sunny, windy AIR TEMP (°F): 75

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Jeri L. Kiburz	[signature]	10/21/95
REVIEWED:	J Pecore	[signature]	4-9-96

294135

APPENDIX E-2

FOURTH QUARTER GROUND-WATER SAMPLING REPORTS

294136

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

Log book -10

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK

LAW PROJECT # 11-3517-3201

291137

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-10-96 Job: Carswell AFB Site: Bld-3249 ~~0.0~~ PID READING @ WELL HEAD (ppm): 0.0

SAMPLE LOCATION ID: T-3

DEPTH TO WATER (feet): 4.36

TOTAL DEPTH (feet): 8.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.18 ft of water in casing X .17 gallons/foot) + (4.18 ft of annular water X .17 gallons/foot)] X 3 = 11.76 gallons to purged

PURGING Equipment Used: Grunds Fos Stainless Steel Pump

NOTES: Slow flow rate for well

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1440	0.0	7.54	60.0	696	>2000		Very turbid
1453	4.0	7.23	67.4	690	1617		Purged dry, will allow + recover for 5mins
1455	TC 8 5.0						" " "
1505							resume purging
1514	8.0	7.21	67.2	682	690		clearing
1525	12.0	7.15	67.6	687	45.6		Purging complete
1454	4.0 Dup	7.31	67.3	685	1360		

SAMPLING Equipment Used: dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1540	7.15	67.6	687	44.2	4.41	T-3	

WEATHER: Clear & Mild 60's SW Wind 15-20 AIR TEMP (°F): 60°

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-10-96
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294138

FIELD GROUND-WATER SAMPLING REPORT

Date: ~~01-10-96~~ 01-11-96 Job: Carswell AFB Site: Quonset PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: T7

DEPTH TO WATER (feet): 18.35

TOTAL DEPTH (feet): 22.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.5 ft of water in casing X .17 gallons/foot) + (4.5 ft of annular water X .79 gallons/foot)] X 3 = 12.64 gallons to purged

PURGING Equipment Used: Grunds Fos Stainless Steel Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0829	0.0	6.35	65.0	595	>1000		4.8 in color odorless
0836	4.5	7.44	68.4	626	113		clearing
0844	9.0	7.44	68.2	621	43.2		
0853	14.0	7.42	68.1	618	9.13		

SAMPLING Equipment Used: Dedicated Bailer with 5pt Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0900	7.44	67.9	620	275		T7	

WEATHER: Clear AIR TEMP (°F): 40°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith		01-11-95
REVIEWED:	J Pecore		4-9-95

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294139

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-11-96 Job: Carswell AFB Site: GMI22 PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID

GMI22-07m

DEPTH TO WATER (feet): 16.00

TOTAL DEPTH (feet): 20.50

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.5 ft of water in casing X .17 gallons/foot) + (4.5 ft of annular water X .17 gallons/foot)] X 3 = 2.69 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/5' Teflon Leader

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0920	0.0	7.30	66.1	706	>1000		
0927	2.5	7.13	65.9	701	>1000		Bailed dry at 2.5 gals

SAMPLING Equipment Used: Dedicated PVC Bailer w/5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1200	7.19	66.0	693	193	16.02	GMI22-07m	

WEATHER: Clear / 50's F AIR TEMP (°F): 50's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith		01-11-95
REVIEWED:	J Lecore		4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294190

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-11-96 Job: Carswell AFB Site: GMI22 PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID

GMI22-08m

DEPTH TO WATER (feet): ~~22.50~~ 16.40

TOTAL DEPTH (feet): ~~16.90~~ 22.50

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(5.60 ft of water in casing X .17 gallons/foot) + (5.60 ft of annular water X .77 gallons/foot)] X 3 = ~~5.86~~ gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump.

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1112	0.0	6.96	66.2	2800	1058		
1132	5.0	6.93	71.8	943	81.4		well will not yield enough to
1150	8.0	6.88	69.3	900	70.3		keep up with lowest pump rate
1151	8.01	6.90	69.0	911	70.9		pump dry

SAMPLING Equipment Used: Dedicated PVC Bailer w/3' Teflon leader.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1655	6.98	68.3	938	236		GMI22-08m	

WEATHER: Clear AIR TEMP (°F): 50°s

SAMPLE ID FOR QC SAMPLE(s): GMI22-08m MS GMI22-08m MSD

	NAME	SIGNATURE	DATE
PREPARED:	Charles F Smith	[signature]	01-11-95
REVIEWED:	J Pecon	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294191

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-11-95 Job: Carswell AFB Site: BLD-3340 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

P3A

DEPTH TO WATER (feet): ~~19.97~~ 11.94

TOTAL DEPTH (feet): ~~11.94~~ 19.97

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.03 ft of water in casing X .17 gallons/foot) + (8.03 ft of annular water X .17 gallons/foot)] X 3 = 2.65 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1540	0.0	7.08	67.6	959	>1000		
1548	5.0	7.32	68.2	853	362		
1555	10.0	6.93	68.0	752	115		
1604	15.	6.96	68.3	748	101		
1611	20	6.97	68.1	743	94		
1619	25	6.98	68.3	741	89		
1620	26	7.00	68.3	740	87		Dupe

SAMPLING Equipment Used: Dedicated PVC bailer with 5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1625	7.01	68.2	746	1310		P3A	

WEATHER: Clear AIR TEMP (°F): 60's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-11-95
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294192

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-12-96 Job: Carswell AFB Site: Landfill 01 Sump-28 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-1C

DEPTH TO WATER (feet): 20.24

TOTAL DEPTH (feet): 32.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(12.3 ft of water in casing X .17 gallons/foot) + (12.3 ft of annular water X .77 gallons/foot)] X 3 = 34.69 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0830	0.0	6.58	66.4	818	71000		Slight odor
0838	12	6.87	68.2	883	14		
0846	24	6.85	67.5	872	13		
0854	36	6.83	68.0	873	13		
0854	36.5	6.83	68.2	871	13		Dups

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Spot Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0905	6.84	68.3	873	120		LF01-1C	

WEATHER: Clear AIR TEMP (°F): 40°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-12-96
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294193

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-12-96 Job: Carswell AFB Site: Landfill-01 SWMW-28 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-1E

DEPTH TO WATER (feet): 19.63

TOTAL DEPTH (feet): 32.12

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(12.49 ft of water in casing X .17 gallons/foot) + (12.49 ft of annular water X .77 gallons/foot)] X 3 = 35.22 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0920	0.0	7.36	66.6	711	910		
0927	12	6.98	68.8	815	60		
0934	24	6.93	69.0	809	11.5		
0941	36	6.95	68.9	802	10.7		
0941	36.5	6.93	69.0	802	11.9		Dups

SAMPLING Equipment Used: Dedicated PVC Bailer w/ 5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0955	6.92	69.0	805	49		LF01-1E	

WEATHER: Clear AIR TEMP (°F): 40°F

SAMPLE ID FOR QC SAMPLE(s): F DUP-5

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith		01-12-96
REVIEWED:	J Pecore		4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294194

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-12-96 Job: Carswell AFB Site: GMI22 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: GMI22-05M

DEPTH TO WATER (feet): 11.94

TOTAL DEPTH (feet): 13.72

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(1.78 ft of water in casing X .17 gallons/foot) + (1.78 ft of annular water X .17 gallons/foot)] X 3 = 5.02 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1020	0.0	7.44	63.3	1163	15.0		
1027	2.0	7.29	63.7	1172	39.8		Bailed Dry 2.0 gals

SAMPLING Equipment Used: Dedicated PVC Bailer w/ 5 ft Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	7.37	63.5	1169	12.0	12.0	GMI22-05M	

WEATHER: Clear AIR TEMP (°F): 60's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-12-96
REVIEWED:	J Pecore	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294195

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-12-96 Job: Carswell AFB Site: Landfill-01 SWMU-28 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: LF01-1D

DEPTH TO WATER (feet): 21.46

TOTAL DEPTH (feet): 28.14

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.68 ft of water in casing X .17 gallons/foot) + (6.68 ft of annular water X .27 gallons/foot)] X 3 = 18.84 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES: Purged Dry at 8 gals.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1145	0.0	7.14	69.6	783	443		Clear + slight Hydrocarbon ode
1210 ~~1153~~	4.0	7.06	69.3	760	~~768~~ 768		purged dry / will let it r
~~1155~~							resumed purging @ a slow rate

SAMPLING Equipment Used: Dedicated PVC Bailer w/5 ft Teflon Leader.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1430	7.10	69.1	768	18	21.50	LF01-1D	

WEATHER: Clear AIR TEMP (°F): 60°sF

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-12-96
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294196

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-12-96 Job: Carswell AFB Site: Landfill 11-01 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF01-1A

DEPTH TO WATER (feet): 17.43

TOTAL DEPTH (feet): 33.76

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(16.33 ft of water in casing X .17 gallons/foot) + (16.33 ft of annular water X .17 gallons/foot)] X 3 = 46.0 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES: 2" Stainless STC

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1500	0.0	7.42	73.1	700	500		Clear + odorless
1510	15.0	7.43	73.8	684	41.9		
1520	30.0	7.07	73.3	685	4.55		
1532	47.0	7.12	73.3	696	5.96		
1538	56.0	7.09	73.4	693	6.00		
1522	33.0	7.10	73.3	690	4.92		Dup.

SAMPLING Equipment Used: Dedicated PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	7.00	73.3	690	10.0		LF01-1A	

WEATHER: Clear + Mild light Northerly wind AIR TEMP (°F): 65°F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Calpepper	Tom Calpepper	01-12-96
REVIEWED:	J Pecora	[illegible]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294197

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: Landfill-04 ~~Sump-10~~ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-04

DEPTH TO WATER (feet): 19.22

TOTAL DEPTH (feet): 26.84

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(1.62 ft of water in casing X .17 gallons/foot) + (1.62 ft of annular water X .17 gallons/foot)] X 3 = 21.6 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0828	0.0	6.92	64.4	728	>1000		Dark gray - odorless
0837	7.0	7.34	66.1	758	32.6		
0846	14.0	7.40	67.6	773	6.5		
0855	22.0	7.43	67.8	777	5.9		purging Complete
0847	15.0	7.41	67.6	775	5.9		Dup

SAMPLING Equipment Used: Dedicated bailer w 5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0905	7.42	67.7	776	6.3	—	LF04-04	

WEATHER: Clear & Mild AIR TEMP (°F): 50's

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-13-96
REVIEWED:	J Pecore	[illegible]	4-9-96

More on back (circle one)? yes (no)

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294198

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: LandfillOS PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF05-02

DEPTH TO WATER (feet): 26.32

TOTAL DEPTH (feet): 29.98

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(3.66 ft of water in casing X .17 gallons/foot) + (3.66 ft of annular water X .17 gallons/foot)] X 3 = ~~4.6~~ 10.2 TC gallons to purged

PURGING Equipment Used: Dedicated Bailed (Decomed)

NOTES: Well bailed dry due to small water column.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1025	0.0	7.36	62.6	736	>1000		
1032	3.5	7.55	64.5	673	166.7		
1037	7.0	7.51	65.5	647	118.8		
1044	10.5	7.54	64.8	633	200		
1051	14.0	7.49	64.9	640	201		Purging Complete

SAMPLING Equipment Used: Dedicated Bailer with 5ft Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1100	7.52	64.7	646	55		LF05-02	

WEATHER: Clear & Mild AIR TEMP (°F): 60°s F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-13-96
REVIEWED:	J Pecora	[signature]	4-9-96

294199

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: ~~Landfill~~ 8 North of Base PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

P6A

DEPTH TO WATER (feet): 12.57

TOTAL DEPTH (feet): 15.15

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(2.58 ft of water in casing X .17 gallons/foot) + (2.58 ft of annular water X .17 gallons/foot)] X 3 = 7.2 gallons to purged

PURGING Equipment Used: Dedicated bailer

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1118	0.0	7.85	69.6	686	~~7.86~~ 6.35		
1123	1.0	7.73	70.6	696	6.56		
1125	1.8	7.74	70.5	700	6.92		Bailed dry

SAMPLING Equipment Used: Dedicated PVC Bailer w/ 5' Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	7.83	70.6	705	600	12.66	P6A	

WEATHER: PC & Mild Calm AIR TEMP (°F): 60°5F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-13-96
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294200

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: Swgu-19 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12A

DEPTH TO WATER (feet): 18.64

TOTAL DEPTH (feet): 27.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(9.21 ft of water in casing X .17 gallons/foot) + (9.21 ft of annular water X .77 gallons/foot)] X 3 = 26.1 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1238	0.0	8.41	71.4	588	260		
1243	4.0	8.44	72.3	591	37.5		
1250	9.0	8.21	72.5	597	41.9		
1258	14.0	8.18	73.4	598	7.26		
1308	19.0	8.23	73.7	603	5.00		
1318	27.0	8.21	73.5	606	5.00		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1330	8.25	73.6	600	4.96		FT09-12A	

WEATHER: Clear + Mild SW Wind 10-15mph AIR TEMP (°F): 70°s F

SAMPLE ID FOR QC SAMPLE(s): Dup-1 @ 0730

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom	01-13-96
REVIEWED:	J Pecoio	[signature]	4-9-96

More on back (circle one)? yes/no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294201

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: Sump-19 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12C

DEPTH TO WATER (feet): 32.35

TOTAL DEPTH (feet): 39.96

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(1.61 ft of water in casing X .17 gallons/foot) + (1.61 ft of annular water X .17 gallons/foot)] X 3 = 21.6 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Guards For pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1352	0.0	8.05	71.9	840	>1000		
1400	5.0	7.99	70.5	799	46.8		
1404	10.0	8.02	71.3	802	52.0		
1410	15.0	8.20	71.5	802	74.5		
1417	20.0	8.23	71.6	799	33.7		
1425	25.0	8.20	71.5	801	29.0		purging complete
1402	7.0	8.00	71.2	800	45.6		Dup

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1455	8.00	71.3	802	449		FT09-12C	

WEATHER: Clear & Mild SW Wind 15-20 AIR TEMP (°F): 70's F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-13-96
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294202

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-13-96 Job: Carswell AFB Site: Swma-18 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11A

DEPTH TO WATER (feet): 13.15

TOTAL DEPTH (feet): 17.54

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(4.39 ft of water in casing X .17 gallons/foot) + (4.39 ft of annular water X .77 gallons/foot)] X 3 = 12.3 gallons to purged

PURGING Equipment Used: Dedicated bailer

NOTES: Purging with bailer due to slow recovery

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1624	0.0	7.88	68.7	821	71000		Sand in water
1627	1.0	7.91	68.0	807	71600		
1630	1.5	—	—	—	—		Purged Dry

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Spt Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0845	7.90	67.6	812	36	13.30	FT08-11A	

WEATHER: PC + Mild AIR TEMP (°F): 60°s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-14-96
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294203

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-14-96 Job: Carswell AFB Site: SWMU 18 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11B

DEPTH TO WATER (feet): 10.51

TOTAL DEPTH (feet): 17.06

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(6.55 ft of water in casing X .17 gallons/foot) + (6.55 ft of annular water X .17 gallons/foot)] X 3 = 18.3 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0917	0.0	6.93	63.4	902	71000		
0923	6.0	6.80	64.7	848	3.17		
0931	12.0	6.75	64.6	847	2.0		
0939	18.0	6.74	64.8	843	1.07		
0941	20.0	6.71	64.7	841	1.13		Dup
0942	21.0	6.72	64.7	846	1.09		

SAMPLING Equipment Used: Dedicated bailer with 5' Teflon bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0955	6.73	64.7	847	3.02		FT08-11B	

WEATHER: Clear & Mild SW wind 5-pk AIR TEMP (°F): 50's F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-14-96
REVIEWED:	J Pearce	[illegible]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294294

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-14-96 Job: Carswell AFB Site: SWMU-19 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12B

DEPTH TO WATER (feet): 31.43

TOTAL DEPTH (feet): 37.66

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.23 ft of water in casing X .17 gallons/foot) + (6.23 ft of annular water X .17 gallons/foot)] X 3 = 17.7 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1055	0.0	6.84	67.0	684	25.0		
1101	6.0	6.76	68.7	744	8.0		
1107	12.0	6.83	68.9	743	10.03		
1113	18.0	6.87	68.7	739	3.01		
1117	20.0	6.85	68.8	740	3.00		Dry
1118	21.0	6.86	68.8	741	2.71		

SAMPLING Equipment Used: Dedicated PVC Bailer with 5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1125	6.87	68.8	740	4.75		FT09-12B	

WEATHER: Clear & Mild AIR TEMP (°F): 60°F

SAMPLE ID FOR QC SAMPLE(s): MS/MSD FT09-12B

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-14-96
REVIEWED:	Jo Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294295

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-14-96 Job: Carswell AFB Site: BLD 1027 PID READING @ WELL HEAD (ppm): 2.0

SAMPLE LOCATION ID

T4A

DEPTH TO WATER (feet): 18.63

TOTAL DEPTH (feet): 21.68

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.05 ft of water in casing X .17 gallons/foot) + (3.05 ft of annular water X .17 gallons/foot)] X 3 = 8.4 gallons to purged

PURGING Equipment Used: Dedicated bailer w/ 5 ft Teflon Leader

NOTES: Dedicated bailer used to purge due to poor recovery rate

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1304	0.0	7.20	70.8	653	380		
1314	3.0	6.94	71.0	655	71000		
1318	6.0	6.98	70.0	645	71000		
1325	9.0	6.97	70.1	650	500		
1330	12.0	6.98	70.0	648	350		

SAMPLING Equipment Used: Dedicated bailer w/ 5 ft Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1335	6.98	71.0	650	218	18.98	T4A	

WEATHER: Clear & warm Gusty Wind From SW AIR TEMP (°F): 60°F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-14-96
REVIEWED:	J Pecone	[signature]	4-9-96

More on back (circle one)? yes (no)

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294296

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-14-96 Job: Carswell AFB Site: LandFill05 PID READING @ WELL HEAD (ppm): 18.0

SAMPLE LOCATION ID

LF05-5D

DEPTH TO WATER (feet): 13.81

TOTAL DEPTH (feet): 21.18

INSIDE DIAMETER of WELL (inches): _____

PURGE VOLUME CALCULATION: [(7.37 ft of water in casing X .17 gallons/foot) + (7.37 ft of annular water X .17 gallons/foot)] X 3 = 21.0 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1403	0.0	7.24	72.1	851	191		
1410	7.0	6.93	72.1	888	48.0		
1417	14.0	6.90	71.3	885	21.5		
1424	21.0	6.88	71.3	883	13.2		
1431	28.0	6.87	71.3	884	12.0		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1440	6.88	71.3	884	15.0		LF05-5D	

WEATHER: Clear & Warm Gusty Wind AIR TEMP (°F): 70°F

SAMPLE ID FOR QC SAMPLE(s): N/A

	NAME	SIGNATURE	DATE
PREPARED:	Tom Culpepper	Tom Culpepper	01-14-96
REVIEWED:	J Pecon	[illegible]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294297

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-15-96 Job: Carswell AFB Site: Landfill-05 PID READING @ WELL HEAD (ppm): 0.8

SAMPLE LOCATION ID

LF05-SC

DEPTH TO WATER (feet): 11.85

TOTAL DEPTH (feet): 20.44

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.59 ft of water in casing X .17 gallons/foot) + (8.59 ft of annular water X .27 gallons/foot)] X 3 = 29.23 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0822	0.0	6.23	64.3	801	>1000		Making fine sand/yellowish Red
0826	4.0	6.40	65.2	773	483		
0830	8.0	6.50	65.2	769	137.0		
0838	16.0	6.51	65.6	763	21.3		
0846	24.0	6.55	65.4	757	10.2		
0849	28.0	6.53	65.8	759	3.4		
0850	29.0	6.52	65.6	761	3.6		Dup2

SAMPLING Equipment Used:

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0900	6.52	65.6	763	3.2		LF05-SC	

WEATHER: Cloudy, Winds North 10-20mph AIR TEMP (°F): 40's F

SAMPLE ID FOR QC SAMPLE(s): FDUP1 0730

	NAME	SIGNATURE	DATE
PREPARED:	Charles F Smith	[signature]	01-15-96
REVIEWED:	J Recore	[signature]	4-9-96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294298

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-15-96 Job: Carswell AFB Site: Swmu-24 (Waste Burial Site) PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: WP07-10C

DEPTH TO WATER (feet): 2.08

TOTAL DEPTH (feet): 28.98

INSIDE DIAMETER of WELL (inches): 0

PURGE VOLUME CALCULATION: [(7.40 ft of water in casing X .17 gallons/foot) + (2.90 ft of annular water X .11 gallons/foot)] X 3 = 2.19 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1005	0.0	~~1389~~ 6.44	65.6	1389	83.0		
1009	4.0	6.52	69.3	1362	4.5		
1017	8.0	6.53	69.5	1311	3.2		
1025	16.0	6.51	69.4	1316	3.0		
1033	24.0	6.58	69.1	1290	2.8		
1034	25.0	6.60	69.2	1293	2.75		Dupe

SAMPLING Equipment Used: PVC Disposable Bailer w/5' Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1045	6.58	69.2	1297	2.5		WP07-10C	

WEATHER: Cloudy Winds Noticeable AIR TEMP (°F): 40°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-15-96
REVIEWED:	J Pecore	[signature]	4-9-96

More on back (circle one)? yes no

294299

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-15-96 Job: Carswell AFB Site: Waste Burial Sites Swmu 24 PID READING @ WELL HEAD (ppm): 1,513

SAMPLE LOCATION ID: WP07-10B

DEPTH TO WATER (feet): 28.48

TOTAL DEPTH (feet): 34.40

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(5.92 ft of water in casing X .17 gallons/foot) + (5.92 ft of annular water X .77 gallons/foot)] X 3 = 16.20 gallons to purged

PURGING Equipment Used: 2" Stainless Steel Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1100	0.0	6.83	65.1	812	73.2		
1104	3.0	6.81	68.0	879	6.9		
1107	5.0	6.79	68.6	898	5.2		
1112	10.0	6.78	68.6	894	4.0		
1117	15.0	6.78	68.7	893	2.5		
1120	18.0	6.77	68.6	889	2.0		
1121	19.0	6.76	68.7	882	2.3		Dry

SAMPLING Equipment Used:

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1135	6.74	68.7	884	23.6		WP07-10B	

WEATHER: Cloudy, Winds North 15-20 mph AIR TEMP (°F): 50's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	01-15-96
REVIEWED:	J Pecora	[signature]	4-9-96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294210

FIELD GROUND-WATER SAMPLING REPORT

Date: 01-15-96 Job: Carswell AFB Site: Landfill-04 SWMU-22 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-40

DEPTH TO WATER (feet): 20.98

TOTAL DEPTH (feet): 27.69

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.71 ft of water in casing X .17 gallons/foot) + (6.71 ft of annular water X .77 gallons/foot)] X 3 = 18.42 gallons to purged

PURGING Equipment Used: 2" Stainless Steel ~~Bailer~~ Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1211	0.0	6.88	65.6	880	810		
1214	3.0	6.89	67.7	996	110		
1218	6.0	6.94	68.3	1003	13.5		
1224	12.0	6.98	68.4	1000	4.3		
1230	18.0	6.95	68.7	993	1.3		
1232	20.0	6.89	68.8	990	1.0		
1233	21.0	6.91	68.7	988	1.0		Dryer

SAMPLING Equipment Used: PVC Dedicated Bailer w/ 5' Teflon ~~Bottom~~ Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1245	6.94	68.6	992	28.3		LF04-40	

WEATHER: Cloudy North winds 15-20 mph AIR TEMP (°F): 50°F

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Charles E. Smith	[signature]	01-15-96
REVIEWED:	J Pecora	[signature]	4-9-96

294211

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

Log Book #11

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK

LAW PROJECT # 11-3517-3201

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294212

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/10/96 Job: Carswell AFB Site: Base service station PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: BSSA

DEPTH TO WATER (feet): 5.30'

TOTAL DEPTH (feet): 10.26'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(__ft of water in casing X __gallons/foot) + (__ft of annular water X __gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grunfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1105	0.0	6.25	71.3	932	6.70		
1110	4.65	6.11	71.2	976	2.05		
1120	9.30	6.13	71.1	950	1.08		
1130	13.95	6.16	71.2	926	1.45		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1150	6.16	71.2	926	1.45		BSSA.	

WEATHER: Sunny AIR TEMP (°F): 65°

SAMPLE ID FOR QC SAMPLE(s): FDup-2

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones		1/10/96
REVIEWED:	[signature]	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294213

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/10/96 Job: Carswell AFB Site: Base Service Station PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

MW-12

DEPTH TO WATER (feet): 11.40'

TOTAL DEPTH (feet): 27.35

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grunfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1500	0.0	6.46	71.1	1171	283		mw purged dry

SAMPLING Equipment Used: Dedicated Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1515	6.48	71.1	1171	283		MW-12	MW damage by lawn mower. Retrieved bailer with fishing line.

WEATHER: Sunny, clean AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/10/96
REVIEWED:	J Becom		4/9/96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294214

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/10/96 Job: Carswell AFB Site: Base Service Station PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

MW-7

DEPTH TO WATER (feet): 8.65'

TOTAL DEPTH (feet): 16.58'

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION:[(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: 2" Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1621	13.48	6.75	75.1	1383	6.55		
1631	26.96	6.91	71.9	1376	35.8		MW purged dry.

SAMPLING Equipment Used: 2" bailer. - Dedicated

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1200	6.91	71.9	1376	35.8		MW-7	mw damaged by lawn mower

WEATHER: Cool; breezy AIR TEMP (°F): 55°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/10/96
REVIEWED:	J Pecore	[illegible]	4/9/96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294215

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/95 Job: Carswell AFB Site: POL Tank Farm ST14 PID READING @ WELL HEAD (ppm): 11

SAMPLE LOCATION ID

ST14-W13

DEPTH TO WATER (feet): 9.68

TOTAL DEPTH (feet): 17.11'

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grundfos pump 2"

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1330	~~0.0~~ 6.98	6.86	67.3	743	180.5		
1339	13.96	6.82	68.2	744	16.5		
1352	20.94	6.91	68.1	737	8.3		
Duplicate reading:							
1352D	20.94	6.92	68.1	737	8.3		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1415	6.91	68.1	737	8.3	9.68	ST14W13	

WEATHER: Clear & cool AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/11/95
REVIEWED:	J Pecoff	[illegible]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294216

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: POL Tank Farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W05

DEPTH TO WATER (feet): 9.06

TOTAL DEPTH (feet): 16.23'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grunfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0815	6.73	6.79	65.5	738	12.5		
0825	13.46	6.89	64.4	672	3.3		
0835	20.19	6.82	64.5	692	2.8		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0930	6.82	64.5	692	2.8	9.06	ST14-W05	

WEATHER: Cool & breezy AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/11/96
REVIEWED:	J Pearce	[illegible]	4/9/96

More on back (circle one)? yes no

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294217

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: POL Tank Farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W06

DEPTH TO WATER (feet): 12.61'

TOTAL DEPTH (feet): 22.54

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot) + (___ft of annular waterX___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1030	~~9.09~~ 9.32	6.98	68.5	727	8.90		
1040	18.64	6.81	67.7	717	2.52		
1050	27.96	6.87	75.4	734	1.35		
1100	37.28	6.93	75.2	749	1.51		
1110	46.60	6.85	75.2	732	1.20		Removed 5 volumes

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1130	6.85	75.2	732	1.20	12.61'		

WEATHER: Cool & breezy AIR TEMP (°F): 55°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney Jones	[signature]	1/11/96
REVIEWED:	J Recos	[signature]	4/5/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294218

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: POL tank farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W11

DEPTH TO WATER (feet): 9.86'

TOTAL DEPTH (feet): 19.80'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grundfos 2" pump.

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1550	~~9.0~~ 9.35	6.48	66.4	790	5.6		
1600	18.70	6.49	61.4	785	1.40		
1608	28.05	7.09	~~62.2~~ 61.4	629	4.3		
1615	37.4	6.99	62.2	670	1.26		
1622	46.75	7.09	62.9	673	1.20		Removed 5 vol
Duplicate readings:							
1600D	18.70	6.50	61.4	785	1.42		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1630	7.09	62.9	673	1.20			

WEATHER: Cool & breezy AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/11/96
REVIEWED:	J Pecore	[signature]	4/9/96

LAW
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294219

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: ~~POL Tank Farm~~ PID READING @ WELL HEAD (ppm): 1

SAMPLE LOCATION ID

ST14-W16

DEPTH TO WATER (feet): 9.12

TOTAL DEPTH (feet): 18.58

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0836	~~0.0~~ 8.88	6.79	62.3	615	2.2		
0845	17.76	6.80	62.6	590	.75		
0902	26.64	6.82	61.1	584	.65		

SAMPLING Equipment Used: Dedicated bailers

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0930	6.82	61.1	584	.65	9.12'	ST14-W16	

WEATHER: Clear & cool AIR TEMP (°F): 55°

SAMPLE ID FOR QC SAMPLE(s): FDUP-8 Time: 1100

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones		1/12/96
REVIEWED:	J Pecore		4/9/96

More on back (circle one)? yes no

294220

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FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: POL Tank farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14-W20

DEPTH TO WATER (feet): 9.68'

TOTAL DEPTH (feet): 15.82

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(__ft of water in casing X __gallons/foot) + (__ft of annular water X __gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: 2" grundfos pump.

NOTES: ~~Slight odor of fuel on water~~ ~~Bailed out 1 gallon before purging with grundfos pump~~

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0949	~~0.0~~ 5.77	6.73	66.95	588	17.5		
0955	11.54	6.83	66.8	584	1.8		
1001	17.31	6.82	66.7	588	2.3		

SAMPLING Equipment Used: Dedicated Bailers

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	6.82	66.7	588	2.3	9.68	ST14-W20	

WEATHER: Clear & Sunny AIR TEMP (°F): 60°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/12/96
REVIEWED:	J Pecora	[signature]	4/9/96

LAW
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294221

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: POL Tank Farm PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W19

DEPTH TO WATER (feet): 10.41'

TOTAL DEPTH (feet): 16.64'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos pump.

NOTES: Water had .1' of product before purging. Bailed out 1 gallon before purging.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1240	~~0.05~~ 5.86	6.74	72.4	688	7.2		
1246	11.72	6.83	70.9	666	2.2		
1252	17.58	6.83	70.8	675	2.2		
1259	23.44	6.81	69.5	646	2.9		
Duplicate Readings:							
1240	5.86	6.74	72.4	689	7.21		

SAMPLING Equipment Used: Dedicated bailers

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1315	6.81	69.5	646	2.9	10.4	ST14W19	fuel odor.

WEATHER: Sunny AIR TEMP (°F): 65°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/12/96
REVIEWED:	J Keene	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294[illegible]

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: Tank Farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W08

DEPTH TO WATER (feet): 12.04'

TOTAL DEPTH (feet): 24.97'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grunfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1430	~~0.0~~ 12.2	6.45	69.3	770	43		
1438	24.4	6.65	68.9	725	14.5		
1446	36.6	6.72	68.6	721	31.5		
1454	48.8	6.75	68.9	736	11.75		
1502	61.0	—					

SAMPLING Equipment Used: Dedicated bailers

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: Sunny AIR TEMP (°F): 70°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/12/96
REVIEWED:	J Reeves	[illegible]	4/9/96

LAW
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294233

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: POL Tank Farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14-W07

DEPTH TO WATER (feet): 13.75'

TOTAL DEPTH (feet): 24.66'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: 2" Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1640	~~0.0~~ 10.25	6.92	72.0	739	49.8		
1645	20.50	6.96	71.5	740	7.2		
1650	30.75	6.95	71.0	729	6.7		
Duplicate reading from 1650:							
1650D	30.75	6.95	71.0	729	6.71		

SAMPLING Equipment Used: Dedicated bailers

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1705	6.95	71.0	729	6.71	13.75'	ST14-W07	

WEATHER: Sunny & clear. AIR TEMP (°F): 70°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/12/96
REVIEWED:	J Pecola	[signature]	4/9/96

LAW
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294224

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: Landfill 4 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-10

DEPTH TO WATER (feet): 33.47

TOTAL DEPTH (feet): 47.40'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grunfos pump.

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0845	~~00~~13.10	6.43	62.9	930	265		
0909	26.20	6.86	62.2	912	6.2		
0924	39.30	6.87	63.0	916	124.2		
0939	42.40	6.88	62.3	916	12.5		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0939	6.88	62.3	916	12.5	33.47'	LF04-10	

WEATHER: Sunny; clear AIR TEMP (°F): 60°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Thomas E. Jones	[signature]	1/13/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294225

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: Landf. 115 PID READING @ WELL HEAD (ppm): 3

SAMPLE LOCATION ID

LF05-18

DEPTH TO WATER (feet): 19.36'

TOTAL DEPTH (feet): 23.54'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos Pump 2"

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1034	~~2.0~~ 3.93	6.75	67.3	1112	6.5		
1038	7.86	6.82	68.4	1122	.65		
1042	11.79	6.79	68.4	1128	.55		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1050	6.79	68.4	1128	.55	23.55	LF05-18	

WEATHER: Sunny & clear AIR TEMP (°F): 65°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/13/96
REVIEWED:	J Pearson	[illegible]	4/9/96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294226

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/96 Job: Carswell AFB Site: POL Tank Farm PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W09

DEPTH TO WATER (feet): 10.04'

TOTAL DEPTH (feet): 20.14'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grundfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1210	~~9.09~~ 50	6.62	71.9	811	9.6		
1218	19.00	6.72	70.9	785	1.95		
1227	28.50	6.71	71.4	799	.39		
1227 Dup	29.00	6.70	7.3	800	.41		Dup reading

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1240	6.70	71.3	800	.39	20.17	ST14-W09	

WEATHER: Sunny AIR TEMP (°F): 65°-70°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E Jones	Rodney E Jones	4/13/96
REVIEWED:	J Pecora	[signature]	4/9/96

More on back (circle one)? yes no

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294227

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: Landfill 4 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-4A

DEPTH TO WATER (feet): ~~25.04~~ 15.51

TOTAL DEPTH (feet): 25.04

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1445	~~0.0~~ 2.0	7.17	696	74.1	457		purged dry

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500	7.17	74.1	696	283	15.75	LF04-4A	

WEATHER: Sunny AIR TEMP (°F): 65-70°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/13/96
REVIEWED:	J Pecoraro	[illegible]	4/9/96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294228

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: Landfill 4 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

CF04-4B

DEPTH TO WATER (feet): 22.10'

TOTAL DEPTH (feet): 25.43

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos 2" pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1616	0.0	6.91	72.2	721	283		purged dry

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	6.91	72.2	721	283	22.21'	LF04-4B	

WEATHER: Sunny AIR TEMP (°F): 65°-70°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E Jones	Rodney E Jones	1/13/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294229

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/14/96 Job: Carswell AFB Site: Landfill 4 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-4E

DEPTH TO WATER (feet): 24.46'

TOTAL DEPTH (feet): 30.76'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0845	~~0.0~~ 5.97	6.74	66.3	715	15.8		
0851	11.94	6.78	66.5	682	2.6		
0857	17.91	6.76	67.1	704	2.5		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0915	6.76	67.1	704	2.5	24.48'	LF04-4E	MS/MSD taken

WEATHER: Sunny; cool AIR TEMP (°F): 55°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/14/96
REVIEWED:	J Pecora	[illegible]	4/9/96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294230

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/14/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-4F

DEPTH TO WATER (feet): 29.98'

TOTAL DEPTH (feet): 37.03

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Grundfos.

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1032	~~0.0~~ 6.63	6.75	67.0	700	3.2		
1038	13.26	6.73	66.6	695	1.4		
1043	19.89	6.76	66.6	704	1.2		
Dup 1044	20.89	6.75	66.6	702	1.5		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1100	6.75	66.6	702	1.5	29.99	LF04-4F	

WEATHER: Cool & clear AIR TEMP (°F): 55°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/14/96
REVIEWED:	J Pear	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294231

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: Landfill #5 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

LF05-5G

DEPTH TO WATER (feet): 21.40

TOTAL DEPTH (feet): 31.90

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0830	~~0.0~~ 10	6.55	66.7	854	9.35		
0840	20	6.68	66.1	848	7.2		
0850	30	6.67	66.5	842	7.4		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0915	6.67	66.5	842	7.4	31.95	LF05-5G	

WEATHER: Cool & breezy AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/15/96
REVIEWED:	J Pecor	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294232

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: Landfill #5 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

GMI22-06m

DEPTH TO WATER (feet): 18.64'

TOTAL DEPTH (feet): 26.55'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grundfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1005	~~0.0~~ 6.84	6.83	64.1	956	84.5		
1010	13.68	6.89	64.9	959	16.2		
1015	20.52	6.89	65.1	958	.50		
Dup 1016	22.00	6.87	64.8	957	.72		

SAMPLING Equipment Used: Dedicated 2" bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1030	6.87	64.8	957	.72	18.64'	GMI22-06m	

WEATHER: Cool & Breezy AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E Jones	Rodney E Jones	1/15/96
REVIEWED:	J Pecor	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294233

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 8 ppm

SAMPLE LOCATION ID

MW-5

DEPTH TO WATER (feet): 5.05'

TOTAL DEPTH (feet): 8.05'

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: Sump for Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1245	0.03	7.83	5.71	567	101		MW purged dry

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER: PT/cloudy AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E Jones	Rodney E Jones	1/15/96
REVIEWED:	J Pecora	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294234

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 8

SAMPLE LOCATION ID

MW-10

DEPTH TO WATER (feet): 15.02'

TOTAL DEPTH (feet): ~~18~~ 32.92'

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(___ft of water in casing X ___gallons/foot) + (___ft of annular water X ___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: grunfos pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1348	~~8.0~~ 19.17	~~19.17~~ 6.98	65.4	990	30.5		
1358	28.34	~~28.34~~ 7.08	65.8	952	6.85		
1408	17.51	~~17.51~~ 6.98	65.8	957	3.12		

SAMPLING Equipment Used: Dedicated bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1430	6.98	65.8	957	3.12	32.94	MW-10	

WEATHER: PT / cloudy. AIR TEMP (°F): 50°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Rodney E. Jones	Rodney E. Jones	1/15/96
REVIEWED:	J Pecora	[signature]	4/9/96

#12

294235

LAW

ENGINEERING AND ENVIRONMENTAL SERVICES

CARSWELL AIR FORCE BASE

FIELD GROUNDWATER

SAMPLING LOG BOOK

LAW PROJECT # 11-3517-3201

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294236

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/10/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

MW 11

DEPTH TO WATER (feet): 26.68

TOTAL DEPTH (feet): 32.43

INSIDE DIAMETER of WELL (inches): 4 inch

PURGE VOLUME CALCULATION:[(5.75 ft of water in casing X .66 gallons/foot) + (5.75 ft of annular water X 1.04 gallons/foot)] X 3 = 29.4 gallons to purged

PURGING Equipment Used: Grundfos Pump / Hand bail

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1120	0.0	—	—	—	—		Pump Not working
1200	0.0	—	—	—	—		Begin Hand bailing
12:15	2	6.96	68.0	9.39	110.6		Hand Bail
12:30	~~10.0~~ 2.5	—	—	—	—		Well Dry / Reinstall Pump
1243	10.0						Using Pump

SAMPLING Equipment Used: Hand bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1520	6.96	68.0	9.39	110.6	26.80	MW 11	

WEATHER: Clear / 5 to 10 mph Wind AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/11/96
REVIEWED:	J Pecore	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294237

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/10/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

B.Z. 0

SAMPLE LOCATION ID: MW 8

DEPTH TO WATER (feet): 26.80

TOTAL DEPTH (feet): 8.98

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(17.82 ft of water in casing X .66 gallons/foot) + (17.82 ft of annular water X 1.04 gallons/foot)] X 3 = 90.87 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1410	0.0	—	—	—	—		Begin Pumping
1411	2	7.32	70.4	807	66.0		Cloudy
1416	15	7.15	70.4	744	14.2		Clearing
1420	30	7.18	70.9	748	3.8		Clear
1430	60	7.52	70.9	754	2.33		↓
1435	75	7.52	71.0	759	1.63		↓
1440	91	7.49	70.8	750	1.27		↓ Stop
1440	91	7.47	70.9	751	1.24		"

SAMPLING Equipment Used: Hand bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1450	7.49	70.8	750	1.27	9.18	MW8	

WEATHER: 10-20 MPH Wind / Clear AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/10/96
REVIEWED:	J Pecore	[signature]	4/9/96

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ENGINEERING AND ENVIRONMENTAL SERVICES

294238

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14 W23

DEPTH TO WATER (feet): 6.74 B2/Background 3

TOTAL DEPTH (feet): 9.98

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.34 ft of water in casing X .17 gallons/foot) + (3.34 ft of annular water X .77 gallons/foot)] X 3 = 9.42 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Fuel Smell in Air at Start up

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0845	0.0						
0847	0.5	6.72	60.1	595	220		Cloudy
0856	3.5	7.48	62.5	632	90.8		Clearing
0905	7.0	7.47	60.6	615	420		Pumped Dry Cloudy
0905	7.0	7.48	60.6	617	416		"

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1055	7.57	69.7	646	1172	6.75	ST14-W23	Cloudy

WEATHER: 15-25 mph Wind / Clear Sky AIR TEMP (°F): 40

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/11/96
REVIEWED:	J Pecora	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294239

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ~~250~~ 30 82.0

SAMPLE LOCATION ID

SD13-03

DEPTH TO WATER (feet): 12.01

TOTAL DEPTH (feet): 16.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.53 ft of water in casing X .17 gallons/foot) + (4.53 ft of annular water X .97 gallons/foot)] X 3 = 12.78 gallons to purged

PURGING Equipment Used: ~~Grundfos~~ pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0954	0.0	·	~~66.5~~				Start Purge
0955	0.5	6.71	66.5	754	832		Cloudy
0959	4.5	6.67	68.6	767	16.0		Clearing
1002	9.0	6.62	68.7	775	6.30		Clear
1006	13.0	6.69	69.0	777	2.90		Clear
1006	13	6.67	69.0	776	2.91		"

SAMPLING Equipment Used: Teflon Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	6.67	69.0	777	2.90	12.00	SD13-03	

WEATHER: 15-25 MPH Windgusts / Clear AIR TEMP (°F): 40

SAMPLE ID FOR QC SAMPLE(s): SD13-03MS SD13-03MSD

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/11/96
REVIEWED:	J Pecore		4/9/96

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294240

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 50 BZ 5

SAMPLE LOCATION ID: SD13-02

DEPTH TO WATER (feet): 15.24

TOTAL DEPTH (feet): 16.44

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(1.2 ft of water in casing X .17 gallons/foot) + (1.2 ft of annular water X .77 gallons/foot)] X 3 = 3.36 gallons to purged

PURGING Equipment Used: ~~Grundfos pump~~ Hand Bailer

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1334	0.0	6.51	70.0	774	128.3		Fuel like odor
1338	1.5	6.83	70.4	774	62.2		Clearing
1342	3.0	6.89	69.7	769	68.8		"
1345	4.0	6.89	70.1	772	62.1		Clear

SAMPLING Equipment Used: Teflon ~~PVC~~ Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1355	6.89	70.1	772	62.1	15.26	SD13-02	

WEATHER: Light Winds 20mph Gusts/Clear AIR TEMP (°F): 45

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/11/96
REVIEWED:	J Pecoy	[illegible]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294241

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/11/90 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

5013-06

DEPTH TO WATER (feet): 10.95 BZ=0

TOTAL DEPTH (feet): 13.77

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(2.82 ft of water in casing X .66 gallons/foot) + (2.82 ft of annular water X 1.04 gallons/foot)] X 3 = 14.37 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Checked recharge after 5 & 10 minutes → insufficient to continue.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1420	0.0						
1420	0.5	7.42	67.4	704	63.0		Clear
1425	5.	—	—	—	—		Well Dry

SAMPLING Equipment Used: Hand Bailer

1/12/96 TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1335	7.06	68.7	775	28.4	11.22	5013-06	

WEATHER: 5-10 MPH Wind/Clear AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/11/96
REVIEWED:	J Pearson	[illegible]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294242

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): Ø
BZ = Ø

SAMPLE LOCATION ID

SAT ST14-01

DEPTH TO WATER (feet): 14.41

TOTAL DEPTH (feet): 18.55

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(4.14 ft of water in casing X .17 gallons/foot) + (4.14 ft of annular water X .77 gallons/foot)] X 3 = 11.64 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1500	0.0						
1501	0.5	7.45	69.8	714	938		Cloudy Orange
1502	4	7.20	69.4	803	18.0		Clear
1522	8	7.23	69.0	778	2.02		↓
1533	12	7.14	69.2	780	0.53		↓

SAMPLING Equipment Used: Hand Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1540	7.14	69.2	780	0.53	14.43	ST14-01	

WEATHER: 10-20 mph Wind / Clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/12/96
REVIEWED:	J Pearson	[illegible]	1/19/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294213

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0
BZ = 0

SAMPLE LOCATION ID

5D13-05

DEPTH TO WATER (feet): 9.75

TOTAL DEPTH (feet): 13.64

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(3.89 ft of water in casing X .66 gallons/foot) + (3.87 ft of annular water X 1.04 gallons/foot)] X 3 = 20.01 gallons to purged

PURGING Equipment Used: Grundfoo Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0847	0.0						
0849	1	6.78	69.2	~~4.50~~ 674	4.50		Clear
0852	7	7.02	70.2	~~5.64~~ 676	5.64		
0857	14	7.08	70.2	~~2.72~~ 673	2.72		
0901	21	7.04	70.4	679	6.36		

SAMPLING Equipment Used: Teflon Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0915	7.04	70.2	679	6.36		5D13-05	

WEATHER: 5-10 MPH Wind / Clear AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): FDUP-4

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/12/96
REVIEWED:	J Peoples	[illegible]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294224

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

OT-15C

DEPTH TO WATER (feet): 8.59 BZ = 0

TOTAL DEPTH (feet): 15.47

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.97 ft of water in casing X .17 gallons/foot) + (6.97 ft of annular water X .77 gallons/foot)] X 3 = 19.65 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Collected Pesticides

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0938	0.0						Start Pump
0939	.5	7.05	62.9	747	331		Cloudy / Turbid
0943	7	7.06	64.8	762	101		Clearing
0948	14	7.26	64.1	758	819		Cloudy
0950	—	—	—	—	—		Shut off Pump / Dry
0955	—	—	—	—	—		Restart Pump SWL 8.92
1000	21	7.17	63.9	764	59.8		Clearing
1003	25	7.13	63.8	760	69.9		↓
1003	25	7.13	63.9	761	70.1		✓

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	7.13	63.9	764	69.8	8.98	OT15C	

WEATHER: 10-15 MPH Wind / Clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): OT15C MS / MSD

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/12/96
REVIEWED:	J Pecore	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294215

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W22

DEPTH TO WATER (feet): 10.73 BZ = 0

TOTAL DEPTH (feet): 14.05

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.32 ft of water in casing X .17 gallons/foot) + (3.32 ft of annular water X .77 gallons/foot)] X 3 = 9.36 gallons to purged

PURGING Equipment Used: Grundfos Pumps

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1203	0.0						
1207	0.5	7.22	66.5	708	190		Cloudy
1214	3.5	7.07	70.8	830	43.8		Clearing
1220	7	6.97	70.6	826	21.8		
1226	10	7.0	70.8	830	6.8		Clear

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1235	7.0	70.8	830	6.8	10.73	ST14-W22	

WEATHER: 5-15 MPH Wind / Clear AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/12/96
REVIEWED:	J Pegan	[signature]	4/9/96

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

294216

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/12/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14-W21

DEPTH TO WATER (feet): 10.93 BZ = 0

TOTAL DEPTH (feet): 17.83

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.90 ft of water in casing X .17 gallons/foot) + (6.90 ft of annular water X .77 gallons/foot)] X 3 = 19.4 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: 80% x 6.90 = 5.52 ; 17.83 - 5.52 = 12.31 (80% Recovery SWL)

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1433	0.0						
1434	Ø	7.04	73.4	803	842		Cloudy
1441	3.0	6.86	73.9	818	1395		Turbid / Dry @ 1444
1455	3.5	6.84	78.0	814	1188		Restart @ 1452 SWL 12.0
1511	6.5	6.86	77.3	810	1275		Cloudy Turbid
1511	6.5	6.87	77.5	812	1270		Cloudy Turbid

SAMPLING Equipment Used: Hand bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1520	6.87	77.5	812	1270	11.5	ST14-W21	

WEATHER: 5-10 MPH Wind / Clear AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/12/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294217

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 40

BZ = Ø

SAMPLE LOCATION ID: ST14-03

DEPTH TO WATER (feet): 10.96

TOTAL DEPTH (feet): 19.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.84 ft of water in casing X .17 gallons/foot) + (8.84 ft of annular water X .77 gallons/foot)] X 3 = 24.9 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Smell ~~Fuel~~ like sulfur or Products in Well / Splashed on Acrylic jacket - melted fabric

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0815	0.0						Start
0818	.5	6.57	71.6	~~65~~ 773	948		Cloudy
0824	8.5	6.98	72.4	776	57.7		Clearing
0831	17	7.03	72.4	774	13.6		↓
0838	25	7.03	72.8	778	7.26		Clear

SAMPLING Equipment Used: Hand bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0850	7.03	72.8	778	7.26	11.00	ST14-03	

WEATHER: Clear / No Wind (<5 Mph) AIR TEMP (°F): 45

SAMPLE ID FOR QC SAMPLE(s): FDUP6 (Time 1200)

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/13/96
REVIEWED:	J Pucia	[illegible]	4/9/96

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294218

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 BZ 0

SAMPLE LOCATION ID: ST4-04

DEPTH TO WATER (feet): 17.96

TOTAL DEPTH (feet): 13.28

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.68 ft of water in casing X .17 gallons/foot) + (4.68 ft of annular water X .77 gallons/foot)] X 3 = 13.2 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Fuel/Sulfur like Smell — Dropped Bailer (0941) in Well / fished out bailer (0020) from Well

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0913	0.0			68	7		Start
0915	0.5	7.20	69.4	688	70.6		Cloudy
0918	4.5	7.07	71.8	751	22.8		Clearing
0923	9.0	7.07	72.3	756	14.6		"
0928	13.5	7.02	72.5	759	8.94		Clear

SAMPLING Equipment Used: Hand Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1035	7.02	72.5	756	8.9	13.30	ST4-04	

WEATHER: Clear / No Wind AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/13/96
REVIEWED:	J Pecor	[illegible]	4/9/96

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294249

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14-W15

DEPTH TO WATER (feet): 11.08 BZ=0

TOTAL DEPTH (feet): 18.71

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.63 ft of water in casing X .17 gallons/foot) + (7.63 ft of annular water X .77 gallons/foot)] X 3 = 21.54 gallons to purged

PURGING Equipment Used: Grundfos Pumps

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1112	0.0						Start
1113	0.5	7.00	71.1	725	1015		Cloudy, Turbid
1124	7.5	7.05	71.5	762	158		Clearing
1138	~~75.0~~ 15.5 gr	7.03	75.9	770	36.0		"
1138	15 ~~76.0~~ 15.5 gr	7.02	76.0	771	35.8		"
1153	22	7.05	76.5	781	10.7		Clear
1157	25	7.03	76.3	781	4.59		Clear

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1205	7.03	76.3	781	4.59	11.32	ST14-W15	

WEATHER: 0-5 mph Wind Clear AIR TEMP (°F): ~~60~~ 65 gr

SAMPLE ID FOR QC SAMPLE(s): Hand Bailer (PVC

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/13/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294250

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

GMI22-02M

DEPTH TO WATER (feet): 9.43 BZ Ø

TOTAL DEPTH (feet): 28.11

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(18.68 ft of water in casing X .17 gallons/foot) + (18.68 ft of annular water X .77 gallons/foot)] X 3 = 52.68 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1335	0.0						Start
1336	0.5	6.84	71.0	415	753		Cloudy Turbid
1343	18	7.14	70.3	544	43.0		Clearing
1347	27	7.04	70.3	563	15.6		↓
1347	27	7.06	70.3	562	15.2		↓
1350	36	7.09	70.4	587	5.27		↓
1354	45	7.09	70.4	591	4.71		Clear
1357	54	7.00	70.5	598	2.84		Clear

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1410	7.00	70.5	598	2.84	9.45	GMI22-02M	

WEATHER: 10-15 MPH Winds / Clear AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/13/96
REVIEWED:	J Pecore	[signature]	4/9/96

More on back (circle one)? yes no

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294251

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/13/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1/0 BZ=0

SAMPLE LOCATION ID

ST14-W02

DEPTH TO WATER (feet): 12.81

TOTAL DEPTH (feet): 19.48

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(6.87 ft of water in casing X .17 gallons/foot) + (6.67 ft of annular water X .77 gallons/foot)] X 3 = 18.81 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: Odor @ well

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1531	0.0						Start
1532	0.5	6.91	72.8	619	16.4		Clear/odor
1538	6.5	7.02	72.9	620	11.8		Clear
1542	13.0	7.02	72.9	654	4.24		↓
1547	19.0	7.10	72.9	651	2.84		↓
1550	22.0	7.08	72.7	654	2.08		✓

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1600	7.10	72.9	654	2.80	12.83	ST14-W02	

WEATHER: 5-10 MPH Wind/Clear AIR TEMP (°F): 55

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/13/96
REVIEWED:	J Pecora	[signature]	4/9/96

More on back (circle one)? yes no

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294252

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/14/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: 6MI22-03M

DEPTH TO WATER (feet): 20.80 BZ = 0

TOTAL DEPTH (feet): 35.00

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(14.20 ft of water in casing X .17 gallons/foot) + (14.20 ft of annular water X .77 gallons/foot)] X 3 = 40.02 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0918	0.0						Start Grey
0919	0.5	7.26	67.5	993	1330		Grey Color Turbid
0925	8	6.96	72.9	1135	140		Clearing
0929	13.5	6.91	72.2	1108	38.1		
0929	13.5	6.91	71.9	1106	38.0		
0940	~~29~~ 27.0	7.22	72.1	1162	6.93		
0955	40.5	6.86	72.3	1095	2.35		Clear
1010	53.0	6.90	72.5	1085	1.62		
1013	55.0	6.89	72.3	1094	1.36		
1019	58.0	6.89	72.4	1091	1.31		

SAMPLING Equipment Used: Hand Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1020	6.89	72.3	10.91	1.33	20.81	6MI22-03M	

WEATHER: 10-20 MPH Wind / Clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/14/96
REVIEWED:	J Peoples	[signature]	4/9/96

More on back (circle one)? yes no

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294253

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/14/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: LSA 1623-3

DEPTH TO WATER (feet): 10.27 BZ=0

TOTAL DEPTH (feet): 17.83

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(7.56 ft of water in casing X .77 gallons/foot) + (7.56 ft of annular water X 1.04 gallons/foot)] X 3 = 38.67 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1141	0.0						
1142	0.5	7.13	72.1	1222	120		Cloudy
1148	13	6.88	73.4	1339	17.5		Clearing
1207	26	7.03	73.3	1331	4.89		"
1209	30	7.00	73.5	1338	4.56		"
1215	39	6.86	73.9	1327	2.55		Clear
1215	39	6.86	73.9	1323	2.60		"
1224	50	6.97	74.0	1324	1.94		"

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1230	6.90	74.0	1324	2.00	10.28	LSA1623-03	

WEATHER: Clear light wind AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/14/96
REVIEWED:	J Pecoro	[illegible]	4/9/96

More on back (circle one)? yes no

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294254

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/4/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): Ø
OZ = Ø

SAMPLE LOCATION ID: GMT22-04M

DEPTH TO WATER (feet): 19.83

TOTAL DEPTH (feet): 25.55

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(5.72 ft of water in casing X .17 gallons/foot) + (5.72 ft of annular water X .77 gallons/foot)] X 3 = 16.11 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1357	0.0						
1359	1	7.14	73.2	1131	156		Cloudy
1402	5.5	7.00	73.4	1130	124.7		Clearing
1405	11	6.91	73.8	1148	56.8		↓
1408	16.5	6.91	73.6	1152	28.5		↓
1410	20	6.92	73.5	1152	9.92		Clear

SAMPLING Equipment Used: Hand Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1420	6.91	73.6	~~73.6~~ TR 1152	~~1152~~ 9.92	19.95	GMT22-04M	

WEATHER: Clear 10-15 mph wind AIR TEMP (°F): 65

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/14/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294255

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 170

BZ = 1

SAMPLE LOCATION ID

LSA 1628-2

DEPTH TO WATER (feet): 10.80

TOTAL DEPTH (feet): 19.10

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION:[(8.30 ft of water in casing X .66 gallons/foot) + (8.30 ft of annular water X 1.04 gallons/foot)] X 3 = 42.33 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: 8.30 x 80% = 6.64 ; 19.10 - 6.64 = 12.46 SWL for 80% Recovery

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0826	0.0						
0828	0.5	7.55	69.2	1098	10.8		Black Odor/Sheen
0830	14.5	7.05	72.1	1360	30.6		"
0836	14.5	7.63	72.0	1350	30.8		"
0837	—	—	—	—	—		Slow Pump down - well going dry
0900	29	7.09	70.0	1331	~~29.0~~	TR 5.8	Black/Sheen Clearing
0920	40	7.12	69.9	1341	~~40.0~~	TR 3.0	Clearing/Sheen
0924	42.5	7.09	70.2	1343	4.71		Clear/Sheen

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0948	7.02	70.1	1298	6.29	12.40	LSA 1628-2	

WEATHER: Cloudy - 10-15mph Wind AIR TEMP (°F): 47°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/15/96
REVIEWED:	J Pearce	[signature]	4/9/91

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294256

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 1

SAMPLE LOCATION ID

SD13-01

DEPTH TO WATER (feet): 13.17 BZ = 0

TOTAL DEPTH (feet): 17.39

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.22 ft of water in casing X .17 gallons/foot) + (4.22 ft of annular water X .77 gallons/foot)] X 3 = 11.91 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1025	0.0-0.5	7.11	65.6	625	13.23		Clear
1031	4	7.03	68.6	646	4.34		"
1034	8	7.00	68.7	651	2.85		"
1034	8	6.99	68.6	647	2.82		"
1038	12	7.04	68.7	647	2.15		"

SAMPLING Equipment Used: Teflon Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1145	6.99	68.7	647	2.15	13.17	SD13-01	

WEATHER: 10-15MPH Wind / Overcast AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/15/96
REVIEWED:	J Pecore	[signature]	4/9/96

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294257

FIELD GROUND-WATER SAMPLING REPORT

Date: 1/15/96 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 200

BZ=0

SAMPLE LOCATION ID

BSSB

DEPTH TO WATER (feet): 9.81

TOTAL DEPTH (feet): 12.79

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(2.98 ft of water in casing X .17 gallons/foot) + (2.98 ft of annular water X .77 gallons/foot)] X 3 = 8.43 gallons to purged

PURGING Equipment Used: Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1216	0.0						
1217	1.5	6.83	63.3	847	59.5		greyish black / fuel like odor
1238	3.0	6.85	69.4	940	17.62		clearing / fuel like odor
1246	4.5	6.89	69.4	943	4.51		" "
1255	6.0	6.91	69.7	947	3.66		" "
1258	Dry						Well Dry

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1308	6.91	69.7	947	3.46	9.88	BSSB	

WEATHER: 10-15 MPH wind & Overcast AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Tim Register	Tim Register	1/15/96
REVIEWED:	J Pecora	[signature]	4/9/96

Stop 1/15/96

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294258

FIELD GROUND-WATER SAMPLING REPORT

Date:_____ Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm):_____

SAMPLE LOCATION ID

DEPTH TO WATER (feet):_____

TOTAL DEPTH (feet):_____

INSIDE DIAMETER of WELL (inches):_____

PURGE VOLUME CALCULATION:[(___ft of water in casing X___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used:_____

NOTES:_____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						

SAMPLING Equipment Used:_____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS

WEATHER:_____ AIR TEMP (°F):_____

SAMPLE ID FOR QC SAMPLE(s):_____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

294259

TAB

APPENDIX F

294260

APPENDIX F

SUMMARY OF EXTRACTION AND ANALYSIS DATES

294261

APPENDIX F-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES

THIRD QUARTER

TABLE F-1
SUMMARY OF EXTRACTION AND ANALYSIS DATES
Third Quarter
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field

Fort Worth, Texas

10-Apr-96

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW6010SW3005					
BSSA	10/19/95	11/9/95	11/11/95	23	180	ok
BSSA	10/19/95	11/9/95	11/11/95	23	180	ok
BSSB	10/17/95	11/9/95	11/9/95	23	180	ok
FT08-11A	10/19/95	11/9/95	11/9/95	21	180	ok
FT08-11B	10/19/95	11/9/95	11/11/95	23	180	ok
FT09-12A	10/18/95	11/9/95	11/10/95	23	180	ok
FT09-12A	10/18/95	11/9/95	11/10/95	23	180	ok
FT09-12B	10/18/95	11/9/95	11/9/95	22	180	ok
FT09-12B	10/18/95	11/9/95	11/9/95	22	180	ok
FT09-12B	10/18/95	11/9/95	11/9/95	22	180	ok
FT09-12C	10/18/95	11/9/95	11/9/95	22	180	ok
GMI04-01M	10/21/95	11/14/95	11/22/95	32	180	ok
GMI04-01M	10/21/95	11/10/95	11/13/95	23	180	ok
GMI22-02M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-03M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-04M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-05M	10/17/95	11/9/95	11/9/95	23	180	ok
GMI22-06M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-07M	10/21/95	11/10/95	11/13/95	23	180	ok
GMI22-08M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-08M	10/20/95	11/10/95	11/13/95	24	180	ok
GMI22-08M	10/20/95	11/10/95	11/13/95	24	180	ok
LF01-1A	10/20/95	11/10/95	11/13/95	24	180	ok
LF01-1C	10/20/95	11/10/95	11/13/95	24	180	ok
LF01-1D	10/17/95	11/9/95	11/9/95	23	180	ok
LF01-1E	10/20/95	11/10/95	11/13/95	24	180	ok
LF01-1E	10/20/95	11/10/95	11/13/95	24	180	ok
LF04-4A	10/17/95	11/9/95	11/9/95	23	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4B	10/17/95	11/9/95	11/10/95	24	180	ok
LF04-4D	10/18/95	11/9/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/9/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/9/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/9/95	11/9/95	22	180	ok
LF04-4F	10/21/95	11/10/95	11/13/95	23	180	ok
LF05-5C	10/19/95	11/9/95	11/11/95	23	180	ok
LF05-5D	10/19/95	11/9/95	11/11/95	23	180	ok
LF05-5G	10/21/95	11/10/95	11/13/95	23	180	ok
LSA1628-1	10/20/95	11/10/95	11/13/95	24	180	ok
LSA1628-2	10/21/95	11/14/95	11/22/95	32	180	ok
LSA1628-3	10/20/95	11/10/95	11/13/95	24	180	ok
MW-10	10/19/95	11/9/95	11/11/95	23	180	ok
MW-10	10/19/95	11/9/95	11/11/95	23	180	ok
MW-10	10/19/95	11/9/95	11/11/95	23	180	ok
MW-11	10/18/95	11/9/95	11/10/95	23	180	ok
MW-12	10/19/95	11/9/95	11/9/95	21	180	ok
MW-5	10/17/95	11/9/95	11/9/95	23	180	ok
MW-7	10/17/95	11/9/95	11/9/95	23	180	ok
MW-8	10/19/95	11/9/95	11/11/95	23	180	ok
MW-9	10/19/95	11/9/95	11/11/95	23	180	ok
P3A	10/21/95	11/14/95	11/22/95	32	180	ok
P6A	10/18/95	11/9/95	11/10/95	23	180	ok
SD13-01	10/21/95	11/14/95	11/22/95	32	180	ok
SD13-02	10/17/95	11/9/95	11/9/95	23	180	ok
SD13-03	10/21/95	11/14/95	11/22/95	32	180	ok
SD13-03	10/21/95	11/14/95	11/22/95	32	180	ok
SD13-03	10/21/95	11/14/95	11/22/95	32	180	ok
SD13-05	10/23/95	11/10/95	11/13/95	21	180	ok
SD13-05	10/23/95	11/10/95	11/13/95	21	180	ok
SD13-06	10/18/95	11/9/95	11/10/95	23	180	ok
SD13-07	10/17/95	11/9/95	11/9/95	23	180	ok
ST14-01	10/18/95	11/9/95	11/10/95	23	180	ok
ST14-02	10/21/95	11/10/95	11/13/95	23	180	ok
ST14-03	10/18/95	11/9/95	11/10/95	23	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-04	10/21/95	11/14/95	11/22/95	32	180	ok
ST14-W05	10/19/95	11/9/95	11/9/95	21	180	ok
ST14-W06	10/19/95	11/9/95	11/11/95	23	180	ok
ST14-W07	10/19/95	11/9/95	11/11/95	23	180	ok
ST14-W08	10/19/95	11/9/95	11/11/95	23	180	ok
ST14-W09	10/18/95	11/9/95	11/9/95	22	180	ok
ST14-W09	10/18/95	11/9/95	11/9/95	22	180	ok
ST14-W09	10/18/95	11/9/95	11/9/95	22	180	ok
ST14-W11	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W13	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W15	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W16	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W16	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W19	10/19/95	11/9/95	11/9/95	21	180	ok
ST14-W19	10/19/95	11/9/95	11/9/95	21	180	ok
ST14-W19	10/19/95	11/9/95	11/9/95	21	180	ok
ST14-W20	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W20	10/20/95	11/10/95	11/13/95	24	180	ok
ST14-W21	10/21/95	11/14/95	11/22/95	32	180	ok
ST14-W22	10/21/95	11/10/95	11/13/95	23	180	ok
ST14-W23	10/17/95	11/9/95	11/9/95	23	180	ok
T3	10/20/95	11/10/95	11/13/95	24	180	ok
T4A	10/19/95	11/9/95	11/9/95	21	180	ok
T7	10/21/95	11/14/95	11/22/95	32	180	ok
WP07-10B	10/19/95	11/9/95	11/9/95	21	180	ok
WP07-10C	10/18/95	11/9/95	11/10/95	23	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW7060METHOD					
BSSA	10/19/95	10/31/95	11/6/95	18	180	ok
BSSA	10/19/95	10/31/95	11/6/95	18	180	ok
BSSB	10/17/95	11/1/95	11/3/95	17	180	ok
FT08-11A	10/19/95	11/1/95	11/3/95	15	180	ok
FT08-11B	10/19/95	10/31/95	11/6/95	18	180	ok
FT09-12A	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12A	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12C	10/18/95	11/2/95	11/3/95	16	180	ok
GMI04-01M	10/21/95	11/14/95	11/28/95	38	180	ok
GMI04-01M	10/21/95	11/3/95	11/17/95	27	180	ok
GMI22-02M	10/20/95	11/3/95	11/17/95	28	180	ok
GMI22-03M	10/20/95	11/6/95	11/9/95	20	180	ok
GMI22-04M	10/20/95	11/3/95	11/17/95	28	180	ok
GMI22-05M	10/17/95	11/1/95	11/3/95	17	180	ok
GMI22-06M	10/20/95	11/6/95	11/9/95	20	180	ok
GMI22-07M	10/21/95	11/3/95	11/17/95	27	180	ok
GMI22-08M	10/20/95	11/3/95	11/17/95	28	180	ok
GMI22-08M	10/20/95	11/3/95	11/17/95	28	180	ok
GMI22-08M	10/20/95	11/3/95	11/17/95	28	180	ok
LF01-1A	10/20/95	11/3/95	11/17/95	28	180	ok
LF01-1C	10/20/95	11/6/95	11/9/95	20	180	ok
LF01-1D	10/17/95	11/1/95	11/3/95	17	180	ok
LF01-1E	10/20/95	11/6/95	11/9/95	20	180	ok
LF01-1E	10/20/95	11/6/95	11/9/95	20	180	ok
LF04-4A	10/17/95	11/1/95	11/3/95	17	180	ok
LF04-4B	10/17/95	11/2/95	11/3/95	17	180	ok
LF04-4D	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	11/3/95	11/17/95	27	180	ok
LF05-5C	10/19/95	10/31/95	11/6/95	18	180	ok
LF05-5D	10/19/95	10/31/95	11/6/95	18	180	ok
LF05-5G	10/21/95	11/3/95	11/17/95	27	180	ok
LSA1628-1	10/20/95	11/3/95	11/17/95	28	180	ok
LSA1628-2	10/21/95	11/14/95	11/28/95	38	180	ok
LSA1628-3	10/20/95	11/6/95	11/9/95	20	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-11	10/18/95	11/2/95	11/3/95	16	180	ok
MW-12	10/19/95	11/1/95	11/2/95	14	180	ok
MW-5	10/17/95	11/1/95	11/3/95	17	180	ok
MW-7	10/17/95	11/1/95	11/3/95	17	180	ok
MW-8	10/19/95	10/31/95	11/6/95	18	180	ok
MW-9	10/19/95	10/31/95	11/6/95	18	180	ok
P3A	10/21/95	11/14/95	11/28/95	38	180	ok
P6A	10/18/95	11/2/95	11/3/95	16	180	ok
SD13-01	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-02	10/17/95	11/1/95	11/3/95	17	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-05	10/23/95	11/6/95	11/10/95	18	180	ok
SD13-05	10/23/95	11/6/95	11/10/95	18	180	ok
SD13-06	10/18/95	11/2/95	11/3/95	16	180	ok
SD13-07	10/17/95	11/1/95	11/3/95	17	180	ok
ST14-01	10/18/95	11/2/95	11/7/95	20	180	ok
ST14-02	10/21/95	11/3/95	11/17/95	27	180	ok
ST14-03	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-04	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W05	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W06	10/19/95	10/31/95	11/6/95	18	180	ok
ST14-W07	10/19/95	10/31/95	11/6/95	18	180	ok
ST14-W08	10/19/95	10/31/95	11/6/95	18	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W11	10/20/95	11/3/95	11/17/95	28	180	ok
ST14-W13	10/20/95	11/3/95	11/17/95	28	180	ok
ST14-W15	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W16	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W16	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W20	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W20	10/20/95	11/6/95	11/13/95	24	180	ok
ST14-W21	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W22	10/21/95	11/3/95	11/17/95	27	180	ok
ST14-W23	10/17/95	11/1/95	11/3/95	17	180	ok
T3	10/20/95	11/3/95	11/17/95	28	180	ok
T4A	10/19/95	11/1/95	11/3/95	15	180	ok
T7	10/21/95	11/14/95	11/28/95	38	180	ok
WP07-10B	10/19/95	11/1/95	11/3/95	15	180	ok
WP07-10C	10/18/95	11/2/95	11/3/95	16	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW7421SW3020					
BSSA	10/19/95	10/31/95	11/10/95	22	180	ok
BSSA	10/19/95	10/31/95	11/10/95	22	180	ok
BSSB	10/17/95	11/1/95	11/14/95	28	180	ok
FT08-11A	10/19/95	11/1/95	11/14/95	26	180	ok
FT08-11B	10/19/95	10/31/95	11/10/95	22	180	ok
FT09-12A	10/18/95	11/2/95	11/12/95	25	180	ok
FT09-12A	10/18/95	11/2/95	11/12/95	25	180	ok
FT09-12B	10/18/95	11/2/95	11/9/95	22	180	ok
FT09-12B	10/18/95	11/2/95	11/9/95	22	180	ok
FT09-12B	10/18/95	11/2/95	11/9/95	22	180	ok
FT09-12C	10/18/95	11/2/95	11/12/95	25	180	ok
GMI04-01M	10/21/95	11/3/95	11/20/95	30	180	ok
GMI04-01M	10/21/95	11/14/95	11/28/95	38	180	ok
GMI22-02M	10/20/95	11/3/95	11/20/95	31	180	ok
GMI22-03M	10/20/95	11/6/95	11/15/95	26	180	ok
GMI22-04M	10/20/95	11/3/95	11/20/95	31	180	ok
GMI22-05M	10/17/95	11/1/95	11/14/95	28	180	ok
GMI22-06M	10/20/95	11/6/95	11/15/95	26	180	ok
GMI22-07M	10/21/95	11/3/95	11/20/95	30	180	ok
GMI22-08M	10/20/95	11/3/95	11/20/95	31	180	ok
GMI22-08M	10/20/95	11/3/95	11/20/95	31	180	ok
GMI22-08M	10/20/95	11/3/95	11/20/95	31	180	ok
LF01-1A	10/20/95	11/3/95	11/20/95	31	180	ok
LF01-1C	10/20/95	11/6/95	11/16/95	27	180	ok
LF01-1D	10/17/95	11/1/95	11/14/95	28	180	ok
LF01-1E	10/20/95	11/6/95	11/16/95	27	180	ok
LF01-1E	10/20/95	11/6/95	11/16/95	27	180	ok
LF04-4A	10/17/95	11/1/95	11/14/95	28	180	ok
LF04-4B	10/17/95	11/2/95	11/12/95	26	180	ok
LF04-4D	10/18/95	11/2/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/2/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/2/95	11/9/95	22	180	ok
LF04-4E	10/18/95	11/2/95	11/9/95	22	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	11/3/95	11/20/95	30	180	ok
LF05-5C	10/19/95	10/31/95	11/10/95	22	180	ok
LF05-5D	10/19/95	10/31/95	11/10/95	22	180	ok
LF05-5G	10/21/95	11/3/95	11/20/95	30	180	ok
LSA1628-1	10/20/95	11/3/95	11/20/95	31	180	ok
LSA1628-2	10/21/95	11/14/95	11/28/95	38	180	ok
LSA1628-3	10/20/95	11/6/95	11/15/95	26	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-11	10/18/95	11/2/95	11/12/95	25	180	ok
MW-12	10/19/95	11/1/95	11/14/95	26	180	ok
MW-5	10/17/95	11/1/95	11/14/95	28	180	ok
MW-7	10/17/95	11/1/95	11/14/95	28	180	ok
MW-8	10/19/95	10/31/95	11/10/95	22	180	ok
MW-9	10/19/95	10/31/95	11/10/95	22	180	ok
P3A	10/21/95	11/14/95	11/28/95	38	180	ok
P6A	10/18/95	11/2/95	11/12/95	25	180	ok
SD13-01	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-02	10/17/95	11/1/95	11/14/95	28	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/27/95	37	180	ok
SD13-05	10/23/95	11/6/95	11/16/95	24	180	ok
SD13-05	10/23/95	11/6/95	11/16/95	24	180	ok
SD13-06	10/18/95	11/2/95	11/12/95	25	180	ok
SD13-07	10/17/95	11/1/95	11/14/95	28	180	ok
ST14-01	10/18/95	11/2/95	11/12/95	25	180	ok
ST14-02	10/21/95	11/3/95	11/20/95	30	180	ok
ST14-03	10/18/95	11/2/95	11/12/95	25	180	ok
ST14-04	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W05	10/19/95	11/1/95	11/14/95	26	180	ok
ST14-W06	10/19/95	10/31/95	11/10/95	22	180	ok
ST14-W07	10/19/95	10/31/95	11/10/95	22	180	ok
ST14-W08	10/19/95	10/31/95	11/10/95	22	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	11/2/95	11/9/95	22	180	ok
ST14-W09	10/18/95	11/2/95	11/9/95	22	180	ok
ST14-W09	10/18/95	11/2/95	11/9/95	22	180	ok
ST14-W11	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W13	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W15	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W16	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W16	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W20	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W20	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W21	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W22	10/21/95	11/3/95	11/20/95	30	180	ok
ST14-W23	10/17/95	11/1/95	11/14/95	28	180	ok
T3	10/20/95	11/3/95	11/20/95	31	180	ok
T4A	10/19/95	11/1/95	11/14/95	26	180	ok
T7	10/21/95	11/14/95	11/28/95	38	180	ok
WP07-10B	10/19/95	11/1/95	11/14/95	26	180	ok
WP07-10C	10/18/95	11/2/95	11/12/95	25	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW7470NONE					
BSSA	10/19/95	10/31/95	10/31/95	12	28	ok
BSSA	10/19/95	10/31/95	10/31/95	12	28	ok
BSSB	10/17/95	10/25/95	10/25/95	8	28	ok
FT08-11A	10/19/95	10/25/95	10/25/95	6	28	ok
FT08-11B	10/19/95	10/31/95	10/31/95	12	28	ok
FT09-12A	10/18/95	10/31/95	10/31/95	13	28	ok
FT09-12A	10/18/95	10/31/95	10/31/95	13	28	ok
FT09-12B	10/18/95	10/24/95	10/24/95	6	28	ok
FT09-12B	10/18/95	10/24/95	10/24/95	6	28	ok
FT09-12B	10/18/95	10/24/95	10/24/95	6	28	ok
FT09-12C	10/18/95	10/31/95	10/31/95	13	28	ok
GMI04-01M	10/21/95	11/2/95	11/2/95	12	28	ok
GMI04-01M	10/21/95	10/31/95	10/31/95	10	28	ok
GMI22-02M	10/20/95	10/31/95	10/31/95	11	28	ok
GMI22-03M	10/20/95	11/2/95	11/2/95	13	28	ok
GMI22-04M	10/20/95	10/31/95	10/31/95	11	28	ok
GMI22-05M	10/17/95	10/25/95	10/25/95	8	28	ok
GMI22-06M	10/20/95	11/2/95	11/2/95	13	28	ok
GMI22-07M	10/21/95	10/31/95	10/31/95	10	28	ok
GMI22-08M	10/20/95	10/31/95	10/31/95	11	28	ok
GMI22-08M	10/20/95	10/31/95	10/31/95	11	28	ok
GMI22-08M	10/20/95	10/31/95	10/31/95	11	28	ok
LF01-1A	10/20/95	10/31/95	10/31/95	11	28	ok
LF01-1C	10/20/95	11/2/95	11/2/95	13	28	ok
LF01-1D	10/17/95	10/25/95	10/25/95	8	28	ok
LF01-1E	10/20/95	11/2/95	11/2/95	13	28	ok
LF01-1E	10/20/95	11/2/95	11/2/95	13	28	ok
LF04-4A	10/17/95	10/25/95	10/25/95	8	28	ok
LF04-4B	10/17/95	10/31/95	10/31/95	14	28	ok
LF04-4D	10/18/95	10/24/95	10/24/95	6	28	ok
LF04-4E	10/18/95	10/31/95	10/31/95	13	28	ok
LF04-4E	10/18/95	10/31/95	10/31/95	13	28	ok
LF04-4E	10/18/95	10/31/95	10/31/95	13	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	10/31/95	10/31/95	10	28	ok
LF05-5C	10/19/95	10/31/95	10/31/95	12	28	ok
LF05-5D	10/19/95	10/31/95	10/31/95	12	28	ok
LF05-5G	10/21/95	11/2/95	11/2/95	12	28	ok
LSA1628-1	10/20/95	10/31/95	10/31/95	11	28	ok
LSA1628-2	10/21/95	11/2/95	11/2/95	12	28	ok
LSA1628-3	10/20/95	11/2/95	11/2/95	13	28	ok
MW-10	10/19/95	10/31/95	10/31/95	12	28	ok
MW-10	10/19/95	10/31/95	10/31/95	12	28	ok
MW-10	10/19/95	10/31/95	10/31/95	12	28	ok
MW-11	10/18/95	10/31/95	10/31/95	13	28	ok
MW-12	10/19/95	10/25/95	10/25/95	6	28	ok
MW-5	10/17/95	10/25/95	10/25/95	8	28	ok
MW-7	10/17/95	10/25/95	10/25/95	8	28	ok
MW-8	10/19/95	10/31/95	10/31/95	12	28	ok
MW-9	10/19/95	10/31/95	10/31/95	12	28	ok
P3A	10/21/95	11/2/95	11/2/95	12	28	ok
P6A	10/18/95	10/31/95	10/31/95	13	28	ok
SD13-01	10/21/95	11/2/95	11/2/95	12	28	ok
SD13-02	10/17/95	10/25/95	10/25/95	8	28	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	28	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	28	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	28	ok
SD13-05	10/23/95	10/23/95	11/3/95	11	28	ok
SD13-05	10/23/95	10/23/95	11/3/95	11	28	ok
SD13-06	10/18/95	10/31/95	10/31/95	13	28	ok
SD13-07	10/17/95	10/25/95	10/25/95	8	28	ok
ST14-01	10/18/95	10/31/95	10/31/95	13	28	ok
ST14-02	10/21/95	10/31/95	10/31/95	10	28	ok
ST14-03	10/18/95	10/31/95	10/31/95	13	28	ok
ST14-04	10/21/95	11/2/95	11/2/95	12	28	ok
ST14-W05	10/19/95	10/25/95	10/25/95	6	28	ok
ST14-W06	10/19/95	10/31/95	10/31/95	12	28	ok
ST14-W07	10/19/95	10/31/95	10/31/95	12	28	ok
ST14-W08	10/19/95	10/31/95	10/31/95	12	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	10/24/95	10/24/95	6	28	ok
ST14-W09	10/18/95	10/24/95	10/24/95	6	28	ok
ST14-W09	10/18/95	10/24/95	10/24/95	6	28	ok
ST14-W11	10/20/95	10/31/95	10/31/95	11	28	ok
ST14-W13	10/20/95	10/31/95	10/31/95	11	28	ok
ST14-W15	10/20/95	11/2/95	11/2/95	13	28	ok
ST14-W16	10/20/95	11/2/95	11/2/95	13	28	ok
ST14-W16	10/20/95	11/2/95	11/2/95	13	28	ok
ST14-W19	10/19/95	10/25/95	10/25/95	6	28	ok
ST14-W19	10/19/95	10/25/95	10/25/95	6	28	ok
ST14-W19	10/19/95	10/25/95	10/25/95	6	28	ok
ST14-W20	10/20/95	11/2/95	11/2/95	13	28	ok
ST14-W20	10/20/95	11/2/95	11/2/95	13	28	ok
ST14-W21	10/21/95	11/2/95	11/2/95	12	28	ok
ST14-W22	10/21/95	10/31/95	10/31/95	10	28	ok
ST14-W23	10/17/95	10/25/95	10/25/95	8	28	ok
T3	10/20/95	10/31/95	10/31/95	11	28	ok
T4A	10/19/95	10/25/95	10/25/95	6	28	ok
T7	10/21/95	11/2/95	11/2/95	12	28	ok
WP07-10B	10/19/95	10/25/95	10/25/95	6	28	ok
WP07-10C	10/18/95	10/31/95	10/31/95	13	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW7740METHOD					
BSSA	10/19/95	10/31/95	11/6/95	18	180	ok
BSSA	10/19/95	10/31/95	11/6/95	18	180	ok
BSSB	10/17/95	11/1/95	11/2/95	16	180	ok
FT08-11A	10/19/95	11/1/95	11/2/95	14	180	ok
FT08-11B	10/19/95	10/31/95	11/6/95	18	180	ok
FT09-12A	10/18/95	11/2/95	11/4/95	17	180	ok
FT09-12A	10/18/95	11/2/95	11/4/95	17	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12B	10/18/95	11/2/95	11/3/95	16	180	ok
FT09-12C	10/18/95	11/2/95	11/3/95	16	180	ok
GMI04-01M	10/21/95	11/14/95	11/28/95	38	180	ok
GMI04-01M	10/21/95	11/3/95	11/18/95	28	180	ok
GMI22-02M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-03M	10/20/95	11/6/95	11/9/95	20	180	ok
GMI22-04M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-05M	10/17/95	11/1/95	11/2/95	16	180	ok
GMI22-06M	10/20/95	11/6/95	11/9/95	20	180	ok
GMI22-07M	10/21/95	11/3/95	11/18/95	28	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
LF01-1A	10/20/95	11/3/95	11/21/95	32	180	ok
LF01-1C	10/20/95	11/6/95	11/9/95	20	180	ok
LF01-1D	10/17/95	11/1/95	11/2/95	16	180	ok
LF01-1E	10/20/95	11/6/95	11/9/95	20	180	ok
LF01-1E	10/20/95	11/6/95	11/9/95	20	180	ok
LF04-4A	10/17/95	11/1/95	11/2/95	16	180	ok
LF04-4B	10/17/95	11/2/95	11/3/95	17	180	ok
LF04-4D	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok
LF04-4E	10/18/95	11/2/95	11/3/95	16	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	11/3/95	11/18/95	28	180	ok
LF05-5C	10/19/95	10/31/95	11/6/95	18	180	ok
LF05-5D	10/19/95	10/31/95	11/6/95	18	180	ok
LF05-5G	10/21/95	11/3/95	11/18/95	28	180	ok
LSA1628-1	10/20/95	11/3/95	11/21/95	32	180	ok
LSA1628-2	10/21/95	11/14/95	11/28/95	38	180	ok
LSA1628-3	10/20/95	11/6/95	11/9/95	20	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-10	10/19/95	10/31/95	11/6/95	18	180	ok
MW-11	10/18/95	11/2/95	11/4/95	17	180	ok
MW-12	10/19/95	11/1/95	11/2/95	14	180	ok
MW-5	10/17/95	11/1/95	11/2/95	16	180	ok
MW-7	10/17/95	11/1/95	11/2/95	16	180	ok
MW-8	10/19/95	10/31/95	11/6/95	18	180	ok
MW-9	10/19/95	10/31/95	11/6/95	18	180	ok
P3A	10/21/95	11/14/95	11/28/95	38	180	ok
P6A	10/18/95	11/2/95	11/4/95	17	180	ok
SD13-01	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-02	10/17/95	11/1/95	11/2/95	16	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-03	10/21/95	11/14/95	11/28/95	38	180	ok
SD13-05	10/23/95	11/6/95	11/9/95	17	180	ok
SD13-05	10/23/95	11/6/95	11/9/95	17	180	ok
SD13-06	10/18/95	11/2/95	11/4/95	17	180	ok
SD13-07	10/17/95	11/1/95	11/2/95	16	180	ok
ST14-01	10/18/95	11/2/95	11/4/95	17	180	ok
ST14-02	10/21/95	11/3/95	11/18/95	28	180	ok
ST14-03	10/18/95	11/2/95	11/4/95	17	180	ok
ST14-04	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W05	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W06	10/19/95	10/31/95	11/6/95	18	180	ok
ST14-W07	10/19/95	10/31/95	11/6/95	18	180	ok
ST14-W08	10/19/95	10/31/95	11/6/95	18	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W09	10/18/95	11/2/95	11/3/95	16	180	ok
ST14-W11	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W13	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W15	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W16	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W16	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W19	10/19/95	11/1/95	11/2/95	14	180	ok
ST14-W20	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W20	10/20/95	11/6/95	11/9/95	20	180	ok
ST14-W21	10/21/95	11/14/95	11/28/95	38	180	ok
ST14-W22	10/21/95	11/3/95	11/18/95	28	180	ok
ST14-W23	10/17/95	11/1/95	11/2/95	16	180	ok
T3	10/20/95	11/3/95	11/21/95	32	180	ok
T4A	10/19/95	11/1/95	11/2/95	14	180	ok
T7	10/21/95	11/14/95	11/28/95	38	180	ok
WP07-10B	10/19/95	11/1/95	11/2/95	14	180	ok
WP07-10C	10/18/95	11/2/95	11/4/95	17	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW7841SW3020					
BSSA	10/19/95	10/31/95	11/10/95	22	180	ok
BSSA	10/19/95	10/31/95	11/10/95	22	180	ok
BSSB	10/17/95	11/1/95	11/6/95	20	180	ok
FT08-11A	10/19/95	11/1/95	11/6/95	18	180	ok
FT08-11B	10/19/95	10/31/95	11/10/95	22	180	ok
FT09-12A	10/18/95	11/2/95	11/8/95	21	180	ok
FT09-12A	10/18/95	11/2/95	11/8/95	21	180	ok
FT09-12B	10/18/95	11/2/95	11/8/95	21	180	ok
FT09-12B	10/18/95	11/2/95	11/8/95	21	180	ok
FT09-12B	10/18/95	11/2/95	11/8/95	21	180	ok
FT09-12C	10/18/95	11/2/95	11/8/95	21	180	ok
GMI04-01M	10/21/95	11/3/95	11/21/95	31	180	ok
GMI04-01M	10/21/95	11/14/95	11/27/95	37	180	ok
GMI22-02M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-03M	10/20/95	11/6/95	11/15/95	26	180	ok
GMI22-04M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-05M	10/17/95	11/1/95	11/6/95	20	180	ok
GMI22-06M	10/20/95	11/6/95	11/15/95	26	180	ok
GMI22-07M	10/21/95	11/3/95	11/21/95	31	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
GMI22-08M	10/20/95	11/3/95	11/21/95	32	180	ok
LF01-1A	10/20/95	11/3/95	11/21/95	32	180	ok
LF01-1C	10/20/95	11/6/95	11/15/95	26	180	ok
LF01-1D	10/17/95	11/1/95	11/6/95	20	180	ok
LF01-1E	10/20/95	11/6/95	11/15/95	26	180	ok
LF01-1E	10/20/95	11/6/95	11/15/95	26	180	ok
LF04-4A	10/17/95	11/1/95	11/6/95	20	180	ok
LF04-4B	10/17/95	11/2/95	11/8/95	22	180	ok
LF04-4D	10/18/95	11/2/95	11/8/95	21	180	ok
LF04-4E	10/18/95	11/2/95	11/8/95	21	180	ok
LF04-4E	10/18/95	11/2/95	11/8/95	21	180	ok
LF04-4E	10/18/95	11/2/95	11/8/95	21	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	11/3/95	11/21/95	31	180	ok
LF05-5C	10/19/95	10/31/95	11/10/95	22	180	ok
LF05-5D	10/19/95	10/31/95	11/10/95	22	180	ok
LF05-5G	10/21/95	11/3/95	11/21/95	31	180	ok
LSA1628-1	10/20/95	11/3/95	11/21/95	32	180	ok
LSA1628-2	10/21/95	11/14/95	11/27/95	37	180	ok
LSA1628-3	10/20/95	11/6/95	11/15/95	26	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-10	10/19/95	10/31/95	11/10/95	22	180	ok
MW-11	10/18/95	11/2/95	11/8/95	21	180	ok
MW-12	10/19/95	11/1/95	11/6/95	18	180	ok
MW-5	10/17/95	11/1/95	11/6/95	20	180	ok
MW-7	10/17/95	11/1/95	11/6/95	20	180	ok
MW-8	10/19/95	10/31/95	11/10/95	22	180	ok
MW-9	10/19/95	10/31/95	11/10/95	22	180	ok
P3A	10/21/95	11/14/95	11/27/95	37	180	ok
P6A	10/18/95	11/2/95	11/8/95	21	180	ok
SD13-01	10/21/95	11/14/95	11/27/95	37	180	ok
SD13-02	10/17/95	11/1/95	11/6/95	20	180	ok
SD13-03	10/21/95	11/14/95	11/27/95	37	180	ok
SD13-03	10/21/95	11/14/95	11/27/95	37	180	ok
SD13-03	10/21/95	11/14/95	11/27/95	37	180	ok
SD13-05	10/23/95	11/6/95	11/15/95	23	180	ok
SD13-05	10/23/95	11/6/95	11/15/95	23	180	ok
SD13-06	10/18/95	11/2/95	11/8/95	21	180	ok
SD13-07	10/17/95	11/1/95	11/6/95	20	180	ok
ST14-01	10/18/95	11/2/95	11/8/95	21	180	ok
ST14-02	10/21/95	11/3/95	11/21/95	31	180	ok
ST14-03	10/18/95	11/2/95	11/8/95	21	180	ok
ST14-04	10/21/95	11/14/95	11/27/95	37	180	ok
ST14-W05	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W06	10/19/95	10/31/95	11/10/95	22	180	ok
ST14-W07	10/19/95	10/31/95	11/10/95	22	180	ok
ST14-W08	10/19/95	10/31/95	11/10/95	22	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	11/2/95	11/8/95	21	180	ok
ST14-W09	10/18/95	11/2/95	11/8/95	21	180	ok
ST14-W09	10/18/95	11/2/95	11/8/95	21	180	ok
ST14-W11	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W13	10/20/95	11/3/95	11/21/95	32	180	ok
ST14-W15	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W16	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W16	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W19	10/19/95	11/1/95	11/6/95	18	180	ok
ST14-W20	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W20	10/20/95	11/6/95	11/15/95	26	180	ok
ST14-W21	10/21/95	11/14/95	11/27/95	37	180	ok
ST14-W22	10/21/95	11/3/95	11/21/95	31	180	ok
ST14-W23	10/17/95	11/1/95	11/6/95	20	180	ok
T3	10/20/95	11/3/95	11/21/95	32	180	ok
T4A	10/19/95	11/1/95	11/6/95	18	180	ok
T7	10/21/95	11/14/95	11/27/95	37	180	ok
WP07-10B	10/19/95	11/1/95	11/6/95	18	180	ok
WP07-10C	10/18/95	11/2/95	11/8/95	21	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW8240NONE					
BSSB	10/17/95	10/27/95	10/27/95	10	14	ok
GMI04-01M	10/21/95	11/2/95	11/2/95	12	14	ok
GMI04-01M	10/21/95	11/2/95	11/2/95	12	14	ok
GMI22-04M	10/20/95	10/27/95	10/27/95	7	14	ok
LF04-4D	10/18/95	10/27/95	10/27/95	9	14	ok
LF04-4E	10/18/95	10/27/95	10/27/95	9	14	ok
LF04-4E	10/18/95	10/27/95	10/27/95	9	14	ok
LF04-4E	10/18/95	10/27/95	10/27/95	9	14	ok
LF04-4F	10/21/95	11/2/95	11/2/95	12	14	ok
LF05-5C	10/19/95	10/27/95	10/27/95	8	14	ok
LF05-5G	10/21/95	11/2/95	11/2/95	12	14	ok
LSA1628-1	10/20/95	10/27/95	10/27/95	7	14	ok
LSA1628-2	10/21/95	11/2/95	11/2/95	12	14	ok
LSA1628-3	10/20/95	10/27/95	10/27/95	7	14	ok
MW-10	10/19/95	10/27/95	10/27/95	8	14	ok
MW-10	10/19/95	10/27/95	10/27/95	8	14	ok
MW-10	10/19/95	10/27/95	10/27/95	8	14	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	14	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	14	ok
SD13-03	10/21/95	11/2/95	11/2/95	12	14	ok
WP07-10B	10/19/95	10/27/95	10/27/95	8	14	ok
WP07-10C	10/18/95	10/27/95	10/27/95	9	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW8260NONE					
BSSA	10/19/95	10/26/95	10/26/95	7	14	ok
BSSA	10/19/95	10/31/95	10/31/95	12	14	ok
FT08-11A	10/19/95	10/23/95	10/23/95	4	14	ok
FT08-11B	10/19/95	10/26/95	10/26/95	7	14	ok
FT09-12A	10/18/95	10/23/95	10/23/95	5	14	ok
FT09-12A	10/18/95	10/23/95	10/23/95	5	14	ok
FT09-12B	10/18/95	10/21/95	10/21/95	3	14	ok
FT09-12B	10/18/95	10/21/95	10/21/95	3	14	ok
FT09-12B	10/18/95	10/21/95	10/21/95	3	14	ok
FT09-12C	10/18/95	10/23/95	10/23/95	5	14	ok
GMI22-02M	10/20/95	10/26/95	10/26/95	6	14	ok
GMI22-03M	10/20/95	10/26/95	10/26/95	6	14	ok
GMI22-05M	10/17/95	10/21/95	10/21/95	4	14	ok
GMI22-06M	10/20/95	10/26/95	10/26/95	6	14	ok
GMI22-07M	10/21/95	10/31/95	10/31/95	10	14	ok
GMI22-08M	10/20/95	10/26/95	10/26/95	6	14	ok
GMI22-08M	10/20/95	10/26/95	10/26/95	6	14	ok
GMI22-08M	10/20/95	10/26/95	10/26/95	6	14	ok
LF01-1A	10/20/95	10/26/95	10/26/95	6	14	ok
LF01-1C	10/20/95	10/31/95	10/31/95	11	14	ok
LF01-1D	10/17/95	10/21/95	10/21/95	4	14	ok
LF01-1E	10/20/95	10/31/95	10/31/95	11	14	ok
LF01-1E	10/20/95	10/31/95	10/31/95	11	14	ok
LF04-4A	10/17/95	10/21/95	10/21/95	4	14	ok
LF04-4B	10/17/95	10/23/95	10/23/95	6	14	ok
LF05-5D	10/19/95	10/26/95	10/26/95	7	14	ok
LF05-5D	10/19/95	10/26/95	10/26/95	7	14	ok
MW-11	10/18/95	10/23/95	10/23/95	5	14	ok
MW-12	10/19/95	10/23/95	10/23/95	4	14	ok
MW-5	10/17/95	10/21/95	10/21/95	4	14	ok
MW-7	10/17/95	10/21/95	10/21/95	4	14	ok
MW-8	10/19/95	10/23/95	10/23/95	4	14	ok
MW-9	10/19/95	10/26/95	10/26/95	7	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
P3A	10/21/95	10/31/95	10/31/95	10	14	ok
P6A	10/18/95	10/23/95	10/23/95	5	14	ok
SD13-01	10/21/95	10/31/95	10/31/95	10	14	ok
SD13-02	10/17/95	10/21/95	10/21/95	4	14	ok
SD13-05	10/23/95	10/23/95	10/31/95	8	14	ok
SD13-05	10/23/95	10/23/95	10/31/95	8	14	ok
SD13-06	10/18/95	10/23/95	10/23/95	5	14	ok
SD13-07	10/17/95	10/21/95	10/21/95	4	14	ok
ST14-01	10/18/95	10/23/95	10/23/95	5	14	ok
ST14-02	10/21/95	10/31/95	10/31/95	10	14	ok
ST14-03	10/18/95	10/23/95	10/23/95	5	14	ok
ST14-04	10/21/95	10/31/95	10/31/95	10	14	ok
ST14-W05	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W06	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W07	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W08	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W09	10/18/95	10/21/95	10/21/95	3	14	ok
ST14-W09	10/18/95	10/21/95	10/21/95	3	14	ok
ST14-W09	10/18/95	10/21/95	10/21/95	3	14	ok
ST14-W11	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W13	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W15	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W16	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W16	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W19	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W19	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W19	10/19/95	10/23/95	10/23/95	4	14	ok
ST14-W20	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W20	10/20/95	10/26/95	10/26/95	6	14	ok
ST14-W21	10/21/95	10/31/95	10/31/95	10	14	ok
ST14-W22	10/21/95	10/31/95	10/31/95	10	14	ok
ST14-W23	10/17/95	10/21/95	10/21/95	4	14	ok
T3	10/20/95	10/26/95	10/26/95	6	14	ok
T4A	10/19/95	10/23/95	10/23/95	4	14	ok
T7	10/21/95	10/31/95	10/31/95	10	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
WP07-10C	10/18/95	10/23/95	10/23/95	5	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:	SW8270SW3520					
BSSA	10/19/95	10/24/95	11/14/95	26	40	ok
BSSA	10/19/95	10/24/95	11/16/95	28	40	ok
BSSB	10/17/95	10/19/95	11/14/95	28	40	ok
FT08-11A	10/19/95	10/24/95	11/15/95	27	40	ok
FT08-11B	10/19/95	10/24/95	11/14/95	26	40	ok
FT09-12A	10/18/95	10/22/95	11/7/95	20	40	ok
FT09-12A	10/18/95	10/22/95	11/7/95	20	40	ok
FT09-12B	10/18/95	10/22/95	11/16/95	29	40	ok
FT09-12B	10/18/95	10/22/95	11/16/95	29	40	ok
FT09-12B	10/18/95	10/22/95	11/16/95	29	40	ok
FT09-12C	10/18/95	10/22/95	11/7/95	20	40	ok
GMI04-01M	10/21/95	10/27/95	11/22/95	32	40	ok
GMI04-01M	10/21/95	10/26/95	11/21/95	31	40	ok
GMI22-02M	10/20/95	10/25/95	11/18/95	29	40	ok
GMI22-03M	10/20/95	10/25/95	11/22/95	33	40	ok
GMI22-04M	10/20/95	10/25/95	11/18/95	29	40	ok
GMI22-05M	10/17/95	10/19/95	11/4/95	18	40	ok
GMI22-06M	10/20/95	10/25/95	11/22/95	33	40	ok
GMI22-07M	10/21/95	10/26/95	11/21/95	31	40	ok
GMI22-08M	10/20/95	10/25/95	11/18/95	29	40	ok
GMI22-08M	10/20/95	10/25/95	11/18/95	29	40	ok
GMI22-08M	10/20/95	10/25/95	11/18/95	29	40	ok
LF01-1A	10/20/95	10/25/95	11/18/95	29	40	ok
LF01-1C	10/20/95	10/25/95	11/22/95	33	40	ok
LF01-1D	10/17/95	10/19/95	11/4/95	18	40	ok
LF01-1E	10/20/95	10/25/95	11/22/95	33	40	ok
LF01-1E	10/20/95	10/25/95	11/22/95	33	40	ok
LF04-4A	10/17/95	10/19/95	11/3/95	17	40	ok
LF04-4B	10/17/95	10/22/95	11/6/95	20	40	ok
LF04-4D	10/18/95	10/22/95	11/14/95	27	40	ok
LF04-4E	10/18/95	10/22/95	11/4/95	17	40	ok
LF04-4E	10/18/95	10/22/95	11/4/95	17	40	ok
LF04-4E	10/18/95	10/22/95	11/6/95	19	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4F	10/21/95	10/26/95	11/22/95	32	40	ok
LF05-5C	10/19/95	10/24/95	11/14/95	26	40	ok
LF05-5D	10/19/95	10/24/95	11/14/95	26	40	ok
LF05-5G	10/21/95	10/26/95	11/21/95	31	40	ok
LSA1628-1	10/20/95	10/25/95	11/20/95	31	40	ok
LSA1628-2	10/21/95	10/27/95	11/27/95	37	40	ok
LSA1628-3	10/20/95	10/25/95	11/22/95	33	40	ok
MW-10	10/19/95	10/24/95	11/10/95	22	40	ok
MW-10	10/19/95	10/24/95	11/14/95	26	40	ok
MW-10	10/19/95	10/24/95	11/14/95	26	40	ok
MW-11	10/18/95	10/22/95	11/7/95	20	40	ok
MW-12	10/19/95	10/24/95	11/14/95	26	40	ok
MW-5	10/17/95	10/19/95	11/4/95	18	40	ok
MW-7	10/17/95	10/19/95	11/4/95	18	40	ok
MW-8	10/19/95	10/24/95	11/14/95	26	40	ok
MW-9	10/19/95	10/24/95	11/14/95	26	40	ok
P3A	10/21/95	10/27/95	11/22/95	32	40	ok
P6A	10/18/95	10/22/95	11/8/95	21	40	ok
SD13-01	10/21/95	10/27/95	11/22/95	32	40	ok
SD13-02	10/17/95	10/19/95	11/4/95	18	40	ok
SD13-03	10/21/95	10/27/95	11/22/95	32	40	ok
SD13-03	10/21/95	10/27/95	11/22/95	32	40	ok
SD13-03	10/21/95	10/27/95	11/22/95	32	40	ok
SD13-05	10/23/95	10/26/95	11/28/95	36	40	ok
SD13-05	10/23/95	10/26/95	11/28/95	36	40	ok
SD13-06	10/18/95	10/22/95	11/7/95	20	40	ok
SD13-07	10/17/95	10/19/95	11/10/95	24	40	ok
ST14-01	10/18/95	10/22/95	11/8/95	21	40	ok
ST14-02	10/21/95	10/26/95	11/21/95	31	40	ok
ST14-03	10/18/95	10/22/95	11/7/95	20	40	ok
ST14-04	10/21/95	10/27/95	11/22/95	32	40	ok
ST14-W05	10/19/95	10/24/95	11/14/95	26	40	ok
ST14-W06	10/19/95	10/24/95	11/13/95	25	40	ok
ST14-W07	10/19/95	10/24/95	11/14/95	26	40	ok
ST14-W08	10/19/95	10/24/95	11/13/95	25	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W09	10/18/95	10/25/95	11/14/95	27	40	ok
ST14-W09	10/18/95	10/25/95	11/14/95	27	40	ok
ST14-W09	10/18/95	10/25/95	11/14/95	27	40	ok
ST14-W11	10/20/95	10/25/95	11/18/95	29	40	ok
ST14-W13	10/20/95	10/25/95	11/20/95	31	40	ok
ST14-W15	10/20/95	10/25/95	11/22/95	33	40	ok
ST14-W16	10/20/95	10/26/95	11/22/95	33	40	ok
ST14-W16	10/20/95	10/25/95	11/22/95	33	40	ok
ST14-W19	10/19/95	10/24/95	11/14/95	26	40	ok
ST14-W19	10/19/95	10/24/95	11/15/95	27	40	ok
ST14-W19	10/19/95	10/24/95	11/14/95	26	40	ok
ST14-W20	10/20/95	10/25/95	11/22/95	33	40	ok
ST14-W20	10/20/95	10/25/95	11/22/95	33	40	ok
ST14-W21	10/21/95	10/27/95	11/22/95	32	40	ok
ST14-W22	10/21/95	10/26/95	11/21/95	31	40	ok
ST14-W23	10/17/95	10/19/95	11/4/95	18	40	ok
T3	10/20/95	10/25/95	11/18/95	29	40	ok
T4A	10/19/95	10/24/95	11/15/95	27	40	ok
T7	10/21/95	10/27/95	11/22/95	32	40	ok
WP07-10B	10/19/95	10/24/95	11/15/95	27	40	ok
WP07-10C	10/18/95	10/22/95	11/7/95	20	40	ok

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APPENDIX F-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES

FOURTH QUARTER

TABLE F-2
SUMMARY OF EXTRACTION AND ANALYSIS DATES
Fourth Quarter
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field

Fort Worth, Texas

11-Apr-96

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW6010SW3005				
BSSA	1/10/96	1/19/96	1/23/96	13	180	ok
BSSA	1/10/96	1/19/96	1/23/96	13	180	ok
BSSB	1/15/96	1/23/96	1/26/96	11	180	ok
FT08-11A	1/14/96	1/22/96	1/25/96	11	180	ok
FT08-11B	1/14/96	1/22/96	1/25/96	11	180	ok
FT09-12A	1/13/96	1/18/96	1/22/96	9	180	ok
FT09-12A	1/13/96	1/18/96	1/22/96	9	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12C	1/13/96	1/18/96	1/22/96	9	180	ok
GMI22-02M	1/13/96	1/18/96	1/22/96	9	180	ok
GMI22-03M	1/14/96	1/22/96	1/25/96	11	180	ok
GMI22-04M	1/14/96	1/22/96	1/25/96	11	180	ok
GMI22-05M	1/12/96	1/19/96	1/23/96	11	180	ok
GMI22-06M	1/15/96	1/23/96	1/26/96	11	180	ok
GMI22-07M	1/11/96	1/19/96	1/23/96	12	180	ok
GMI22-08M	1/11/96	1/19/96	1/23/96	12	180	ok
GMI22-08M	1/11/96	1/19/96	1/23/96	12	180	ok
GMI22-08M	1/11/96	1/19/96	1/23/96	12	180	ok
IDW	1/15/96	1/23/96	1/26/96	11	180	ok
LF01-1A	1/12/96	1/19/96	1/23/96	11	180	ok
LF01-1C	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1D	1/12/96	1/19/96	1/23/96	11	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF04-04	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-10	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-4A	1/13/96	1/18/96	1/22/96	9	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF04-4B	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-4D	1/15/96	1/23/96	1/26/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4F	1/14/96	1/22/96	1/25/96	11	180	ok
LF05-02	1/13/96	1/18/96	1/22/96	9	180	ok
LF05-18	1/13/96	1/18/96	1/22/96	9	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5D	1/14/96	1/22/96	1/25/96	11	180	ok
LF05-5G	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-2	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-3	1/14/96	1/22/96	1/25/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-11	1/10/96	1/19/96	1/23/96	13	180	ok
MW-12	1/10/96	1/19/96	1/23/96	13	180	ok
MW-5	1/15/96	1/23/96	1/26/96	11	180	ok
MW-7	1/10/96	1/19/96	1/23/96	13	180	ok
MW-8	1/10/96	1/19/96	1/23/96	13	180	ok
MW-9	1/10/96	1/19/96	1/23/96	13	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
P3A	1/11/96	1/19/96	1/23/96	12	180	ok
P6A	1/13/96	1/18/96	1/22/96	9	180	ok
SD13-01	1/15/96	1/23/96	1/26/96	11	180	ok
SD13-02	1/11/96	1/19/96	1/23/96	12	180	ok
SD13-03	1/11/96	1/19/96	1/23/96	12	180	ok
SD13-03	1/11/96	1/19/96	1/23/96	12	180	ok
SD13-03	1/11/96	1/19/96	1/23/96	12	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-06	1/12/96	1/17/96	1/18/96	6	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-01	1/11/96	1/19/96	1/23/96	12	180	ok
ST14-02	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-03	1/12/96	1/18/96	1/22/96	10	180	ok
ST14-03	1/12/96	1/18/96	1/22/96	10	180	ok
ST14-04	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W05	1/11/96	1/19/96	1/23/96	12	180	ok
ST14-W06	1/11/96	1/19/96	1/23/96	12	180	ok
ST14-W07	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W11	1/11/96	1/19/96	1/23/96	12	180	ok
ST14-W13	1/11/96	1/19/96	1/23/96	12	180	ok
ST14-W15	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W19	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W21	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W22	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W23	1/11/96	1/19/96	1/23/96	12	180	ok
T3	1/10/96	1/19/96	1/23/96	13	180	ok
T4A	1/14/96	1/22/96	1/25/96	11	180	ok
T7	1/11/96	1/19/96	1/23/96	12	180	ok
WP07-10B	1/15/96	1/23/96	1/26/96	11	180	ok
WP07-10C	1/15/96	1/23/96	1/26/96	11	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW7060METHOD				
BSSA	1/10/96	1/16/96	1/17/96	7	180	ok
BSSA	1/10/96	1/16/96	1/17/96	7	180	ok
BSSB	1/15/96	1/23/96	1/27/96	12	180	ok
FT08-11A	1/14/96	1/22/96	1/26/96	12	180	ok
FT08-11B	1/14/96	1/22/96	1/26/96	12	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12C	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-02M	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-03M	1/14/96	1/22/96	1/25/96	11	180	ok
GMI22-04M	1/14/96	1/22/96	1/25/96	11	180	ok
GMI22-05M	1/12/96	1/19/96	1/22/96	10	180	ok
GMI22-06M	1/15/96	1/23/96	1/26/96	11	180	ok
GMI22-07M	1/11/96	1/16/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/16/96	1/18/96	7	180	ok
GMI22-08M	1/11/96	1/16/96	1/18/96	7	180	ok
GMI22-08M	1/11/96	1/16/96	1/18/96	7	180	ok
IDW	1/15/96	1/23/96	1/27/96	12	180	ok
LF01-1A	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1C	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1D	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF04-04	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-10	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4A	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4B	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4D	1/15/96	1/23/96	1/26/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/26/96	12	180	ok
LF04-4E	1/14/96	1/22/96	1/26/96	12	180	ok
LF04-4E	1/14/96	1/22/96	1/26/96	12	180	ok
LF04-4F	1/14/96	1/22/96	1/25/96	11	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/18/96	1/19/96	6	180	ok
LF05-18	1/13/96	1/18/96	1/19/96	6	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5D	1/14/96	1/22/96	1/25/96	11	180	ok
LF05-5G	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-2	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-3	1/14/96	1/22/96	1/25/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-10	1/15/96	1/23/96	1/27/96	12	180	ok
MW-10	1/15/96	1/23/96	1/27/96	12	180	ok
MW-11	1/10/96	1/16/96	1/17/96	7	180	ok
MW-12	1/10/96	1/16/96	1/17/96	7	180	ok
MW-5	1/15/96	1/23/96	1/26/96	11	180	ok
MW-7	1/10/96	1/16/96	1/17/96	7	180	ok
MW-8	1/10/96	1/16/96	1/17/96	7	180	ok
MW-9	1/10/96	1/16/96	1/17/96	7	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
P3A	1/11/96	1/16/96	1/18/96	7	180	ok
P6A	1/13/96	1/18/96	1/19/96	6	180	ok
SD13-01	1/15/96	1/23/96	1/27/96	12	180	ok
SD13-02	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/16/96	1/18/96	7	180	ok
SD13-03	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/16/96	1/18/96	7	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-06	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-01	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-02	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-04	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W05	1/11/96	1/16/96	1/17/96	6	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-W07	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W11	1/11/96	1/16/96	1/18/96	7	180	ok
ST14-W13	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-W15	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W19	1/12/96	1/17/96	1/19/96	7	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W21	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W22	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W23	1/11/96	1/16/96	1/18/96	7	180	ok
T3	1/10/96	1/16/96	1/17/96	7	180	ok
T4A	1/14/96	1/22/96	1/25/96	11	180	ok
T7	1/11/96	1/16/96	1/17/96	6	180	ok
WP07-10B	1/15/96	1/23/96	1/26/96	11	180	ok
WP07-10C	1/15/96	1/23/96	1/26/96	11	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW7421SW3020				
BSSA	1/10/96	1/17/96	1/18/96	8	180	ok
BSSA	1/10/96	1/17/96	1/18/96	8	180	ok
BSSB	1/15/96	1/24/96	1/26/96	11	180	ok
FT08-11A	1/14/96	1/22/96	1/23/96	9	180	ok
FT08-11B	1/14/96	1/22/96	1/23/96	9	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12C	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-02M	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-03M	1/14/96	1/22/96	1/23/96	9	180	ok
GMI22-04M	1/14/96	1/22/96	1/23/96	9	180	ok
GMI22-05M	1/12/96	1/19/96	1/22/96	10	180	ok
GMI22-06M	1/15/96	1/24/96	1/26/96	11	180	ok
GMI22-07M	1/11/96	1/17/96	1/18/96	7	180	ok
GMI22-08M	1/11/96	1/17/96	1/18/96	7	180	ok
GMI22-08M	1/11/96	1/17/96	1/18/96	7	180	ok
GMI22-08M	1/11/96	1/17/96	1/18/96	7	180	ok
IDW	1/15/96	1/24/96	1/26/96	11	180	ok
LF01-1A	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1C	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1D	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1E	1/12/96	1/17/96	1/19/96	7	180	ok
LF01-1E	1/12/96	1/17/96	1/19/96	7	180	ok
LF04-04	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-10	1/13/96	1/18/96	1/20/96	7	180	ok
LF04-4A	1/13/96	1/18/96	1/20/96	7	180	ok
LF04-4B	1/13/96	1/18/96	1/20/96	7	180	ok
LF04-4D	1/15/96	1/24/96	1/26/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4F	1/14/96	1/22/96	1/23/96	9	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/18/96	1/19/96	6	180	ok
LF05-18	1/13/96	1/18/96	1/20/96	7	180	ok
LF05-5C	1/15/96	1/24/96	1/26/96	11	180	ok
LF05-5C	1/15/96	1/24/96	1/25/96	10	180	ok
LF05-5D	1/14/96	1/22/96	1/23/96	9	180	ok
LF05-5G	1/15/96	1/24/96	1/26/96	11	180	ok
LSA1628-2	1/15/96	1/24/96	1/25/96	10	180	ok
LSA1628-3	1/14/96	1/22/96	1/23/96	9	180	ok
MW-10	1/15/96	1/24/96	1/26/96	11	180	ok
MW-10	1/15/96	1/24/96	1/26/96	11	180	ok
MW-10	1/15/96	1/24/96	1/26/96	11	180	ok
MW-11	1/10/96	1/17/96	1/18/96	8	180	ok
MW-12	1/10/96	1/17/96	1/18/96	8	180	ok
MW-5	1/15/96	1/24/96	1/26/96	11	180	ok
MW-7	1/10/96	1/17/96	1/18/96	8	180	ok
MW-8	1/10/96	1/17/96	1/18/96	8	180	ok
MW-9	1/10/96	1/17/96	1/18/96	8	180	ok
OT15C	1/12/96	1/17/96	1/19/96	7	180	ok
OT15C	1/12/96	1/17/96	1/19/96	7	180	ok
OT15C	1/12/96	1/17/96	1/19/96	7	180	ok
P3A	1/11/96	1/17/96	1/18/96	7	180	ok
P6A	1/13/96	1/18/96	1/20/96	7	180	ok
SD13-01	1/15/96	1/24/96	1/26/96	11	180	ok
SD13-02	1/11/96	1/17/96	1/18/96	7	180	ok
SD13-03	1/11/96	1/17/96	1/18/96	7	180	ok
SD13-03	1/11/96	1/17/96	1/18/96	7	180	ok
SD13-03	1/11/96	1/17/96	1/18/96	7	180	ok
SD13-05	1/12/96	1/17/96	1/19/96	7	180	ok
SD13-05	1/12/96	1/17/96	1/19/96	7	180	ok
SD13-06	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-01	1/11/96	1/17/96	1/18/96	7	180	ok
ST14-02	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-04	1/13/96	1/18/96	1/20/96	7	180	ok
ST14-W05	1/11/96	1/17/96	1/18/96	7	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/17/96	1/18/96	7	180	ok
ST14-W07	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W09	1/13/96	1/18/96	1/20/96	7	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W09	1/13/96	1/18/96	1/20/96	7	180	ok
ST14-W11	1/11/96	1/17/96	1/18/96	7	180	ok
ST14-W13	1/11/96	1/17/96	1/18/96	7	180	ok
ST14-W15	1/13/96	1/18/96	1/20/96	7	180	ok
ST14-W16	1/12/96	1/17/96	1/19/96	7	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W19	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W21	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W22	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W23	1/11/96	1/17/96	1/18/96	7	180	ok
T3	1/10/96	1/17/96	1/18/96	8	180	ok
T4A	1/14/96	1/22/96	1/23/96	9	180	ok
T7	1/11/96	1/17/96	1/18/96	7	180	ok
WP07-10B	1/15/96	1/24/96	1/26/96	11	180	ok
WP07-10C	1/15/96	1/24/96	1/25/96	10	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW7470NONE				
BSSA	1/10/96	1/10/96	1/16/96	6	28	ok
BSSA	1/10/96	1/10/96	1/16/96	6	28	ok
BSSB	1/15/96	1/15/96	1/18/96	3	28	ok
FT08-11A	1/14/96	1/14/96	1/18/96	4	28	ok
FT08-11B	1/14/96	1/14/96	1/18/96	4	28	ok
FT09-12A	1/13/96	1/13/96	1/17/96	4	28	ok
FT09-12A	1/13/96	1/13/96	1/17/96	4	28	ok
FT09-12B	1/14/96	1/14/96	1/18/96	4	28	ok
FT09-12B	1/14/96	1/14/96	1/18/96	4	28	ok
FT09-12B	1/14/96	1/14/96	1/18/96	4	28	ok
FT09-12C	1/13/96	1/13/96	1/17/96	4	28	ok
GMI22-02M	1/13/96	1/13/96	1/17/96	4	28	ok
GMI22-03M	1/14/96	1/14/96	1/18/96	4	28	ok
GMI22-04M	1/14/96	1/14/96	1/18/96	4	28	ok
GMI22-05M	1/12/96	1/12/96	1/17/96	5	28	ok
GMI22-06M	1/15/96	1/15/96	1/18/96	3	28	ok
GMI22-07M	1/11/96	1/11/96	1/16/96	5	28	ok
GMI22-08M	1/11/96	1/11/96	1/16/96	5	28	ok
GMI22-08M	1/11/96	1/11/96	1/16/96	5	28	ok
GMI22-08M	1/11/96	1/11/96	1/16/96	5	28	ok
IDW	1/15/96	1/15/96	1/18/96	3	28	ok
LF01-1A	1/12/96	1/12/96	1/17/96	5	28	ok
LF01-1C	1/12/96	1/12/96	1/17/96	5	28	ok
LF01-1D	1/12/96	1/12/96	1/17/96	5	28	ok
LF01-1E	1/12/96	1/12/96	1/17/96	5	28	ok
LF01-1E	1/12/96	1/12/96	1/17/96	5	28	ok
LF04-04	1/13/96	1/13/96	1/17/96	4	28	ok
LF04-10	1/13/96	1/13/96	1/17/96	4	28	ok
LF04-4A	1/13/96	1/13/96	1/17/96	4	28	ok
LF04-4B	1/13/96	1/13/96	1/17/96	4	28	ok
LF04-4D	1/15/96	1/15/96	1/18/96	3	28	ok
LF04-4E	1/14/96	1/14/96	1/18/96	4	28	ok
LF04-4E	1/14/96	1/14/96	1/18/96	4	28	ok
LF04-4E	1/14/96	1/14/96	1/18/96	4	28	ok
LF04-4F	1/14/96	1/14/96	1/18/96	4	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/13/96	1/17/96	4	28	ok
LF05-18	1/13/96	1/13/96	1/17/96	4	28	ok
LF05-5C	1/15/96	1/15/96	1/18/96	3	28	ok
LF05-5C	1/15/96	1/15/96	1/18/96	3	28	ok
LF05-5D	1/14/96	1/14/96	1/18/96	4	28	ok
LF05-5G	1/15/96	1/15/96	1/18/96	3	28	ok
LSA1628-2	1/15/96	1/15/96	1/18/96	3	28	ok
LSA1628-3	1/14/96	1/14/96	1/18/96	4	28	ok
MW-10	1/15/96	1/15/96	1/18/96	3	28	ok
MW-10	1/15/96	1/15/96	1/18/96	3	28	ok
MW-10	1/15/96	1/15/96	1/18/96	3	28	ok
MW-11	1/10/96	1/10/96	1/16/96	6	28	ok
MW-12	1/10/96	1/10/96	1/16/96	6	28	ok
MW-5	1/15/96	1/15/96	1/18/96	3	28	ok
MW-7	1/10/96	1/10/96	1/16/96	6	28	ok
MW-8	1/10/96	1/10/96	1/16/96	6	28	ok
MW-9	1/10/96	1/10/96	1/16/96	6	28	ok
OT15C	1/12/96	1/12/96	1/17/96	5	28	ok
OT15C	1/12/96	1/12/96	1/17/96	5	28	ok
OT15C	1/12/96	1/12/96	1/17/96	5	28	ok
P3A	1/11/96	1/11/96	1/16/96	5	28	ok
P6A	1/13/96	1/13/96	1/17/96	4	28	ok
SD13-01	1/15/96	1/15/96	1/18/96	3	28	ok
SD13-02	1/11/96	1/11/96	1/16/96	5	28	ok
SD13-03	1/11/96	1/11/96	1/16/96	5	28	ok
SD13-03	1/11/96	1/11/96	1/16/96	5	28	ok
SD13-03	1/11/96	1/11/96	1/16/96	5	28	ok
SD13-05	1/12/96	1/12/96	1/17/96	5	28	ok
SD13-05	1/12/96	1/12/96	1/17/96	5	28	ok
SD13-06	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-01	1/11/96	1/11/96	1/16/96	5	28	ok
ST14-02	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-03	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-03	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-04	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-W05	1/11/96	1/11/96	1/16/96	5	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/11/96	1/16/96	5	28	ok
ST14-W07	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W08	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W08	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W08	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W09	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-W09	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-W09	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-W11	1/11/96	1/11/96	1/16/96	5	28	ok
ST14-W13	1/11/96	1/11/96	1/16/96	5	28	ok
ST14-W15	1/13/96	1/13/96	1/17/96	4	28	ok
ST14-W16	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W16	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W19	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W20	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W20	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W21	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W22	1/12/96	1/12/96	1/17/96	5	28	ok
ST14-W23	1/11/96	1/11/96	1/16/96	5	28	ok
T3	1/10/96	1/10/96	1/16/96	6	28	ok
T4A	1/14/96	1/14/96	1/18/96	4	28	ok
T7	1/11/96	1/11/96	1/16/96	5	28	ok
WP07-10B	1/15/96	1/15/96	1/18/96	3	28	ok
WP07-10C	1/15/96	1/15/96	1/18/96	3	28	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW7740METHOD				
BSSA	1/10/96	1/16/96	1/17/96	7	180	ok
BSSA	1/10/96	1/16/96	1/17/96	7	180	ok
BSSB	1/15/96	1/23/96	1/26/96	11	180	ok
FT08-11A	1/14/96	1/22/96	1/25/96	11	180	ok
FT08-11B	1/14/96	1/22/96	1/25/96	11	180	ok
FT09-12A	1/13/96	1/18/96	1/22/96	9	180	ok
FT09-12A	1/13/96	1/18/96	1/22/96	9	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12B	1/14/96	1/23/96	1/26/96	12	180	ok
FT09-12C	1/13/96	1/18/96	1/22/96	9	180	ok
GMI22-02M	1/13/96	1/18/96	1/22/96	9	180	ok
GMI22-03M	1/14/96	1/22/96	1/26/96	12	180	ok
GMI22-04M	1/14/96	1/22/96	1/25/96	11	180	ok
GMI22-05M	1/12/96	1/19/96	1/23/96	11	180	ok
GMI22-06M	1/15/96	1/23/96	1/26/96	11	180	ok
GMI22-07M	1/11/96	1/16/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/16/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/16/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/16/96	1/17/96	6	180	ok
IDW	1/15/96	1/23/96	1/26/96	11	180	ok
LF01-1A	1/12/96	1/19/96	1/23/96	11	180	ok
LF01-1C	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1D	1/12/96	1/19/96	1/23/96	11	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF04-04	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-10	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-4A	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-4B	1/13/96	1/18/96	1/22/96	9	180	ok
LF04-4D	1/15/96	1/23/96	1/26/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4E	1/14/96	1/22/96	1/25/96	11	180	ok
LF04-4F	1/14/96	1/22/96	1/25/96	11	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/18/96	1/22/96	9	180	ok
LF05-18	1/13/96	1/18/96	1/22/96	9	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5C	1/15/96	1/23/96	1/26/96	11	180	ok
LF05-5D	1/14/96	1/22/96	1/25/96	11	180	ok
LF05-5G	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-2	1/15/96	1/23/96	1/26/96	11	180	ok
LSA1628-3	1/14/96	1/22/96	1/25/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-10	1/15/96	1/23/96	1/26/96	11	180	ok
MW-11	1/10/96	1/16/96	1/17/96	7	180	ok
MW-12	1/10/96	1/16/96	1/17/96	7	180	ok
MW-5	1/15/96	1/23/96	1/26/96	11	180	ok
MW-7	1/10/96	1/16/96	1/17/96	7	180	ok
MW-8	1/10/96	1/16/96	1/17/96	7	180	ok
MW-9	1/10/96	1/16/96	1/17/96	7	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
P3A	1/11/96	1/16/96	1/17/96	6	180	ok
P6A	1/13/96	1/18/96	1/22/96	9	180	ok
SD13-01	1/15/96	1/23/96	1/26/96	11	180	ok
SD13-02	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/16/96	1/17/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-06	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-01	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-02	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-03	1/12/96	1/18/96	1/22/96	10	180	ok
ST14-03	1/12/96	1/18/96	1/22/96	10	180	ok
ST14-04	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W05	1/11/96	1/16/96	1/17/96	6	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-W07	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W08	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W09	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W11	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-W13	1/11/96	1/16/96	1/17/96	6	180	ok
ST14-W15	1/13/96	1/18/96	1/22/96	9	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W19	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W21	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W22	1/12/96	1/19/96	1/23/96	11	180	ok
ST14-W23	1/11/96	1/16/96	1/17/96	6	180	ok
T3	1/10/96	1/16/96	1/17/96	7	180	ok
T4A	1/14/96	1/22/96	1/25/96	11	180	ok
T7	1/11/96	1/16/96	1/17/96	6	180	ok
WP07-10B	1/15/96	1/23/96	1/26/96	11	180	ok
WP07-10C	1/15/96	1/23/96	1/26/96	11	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW7841SW3020				
BSSA	1/10/96	1/17/96	1/17/96	7	180	ok
BSSA	1/10/96	1/17/96	1/17/96	7	180	ok
BSSB	1/15/96	1/24/96	1/25/96	10	180	ok
FT08-11A	1/14/96	1/22/96	1/23/96	9	180	ok
FT08-11B	1/14/96	1/22/96	1/23/96	9	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12A	1/13/96	1/18/96	1/19/96	6	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12B	1/14/96	1/24/96	1/25/96	11	180	ok
FT09-12C	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-02M	1/13/96	1/18/96	1/19/96	6	180	ok
GMI22-03M	1/14/96	1/22/96	1/23/96	9	180	ok
GMI22-04M	1/14/96	1/22/96	1/23/96	9	180	ok
GMI22-05M	1/12/96	1/19/96	1/22/96	10	180	ok
GMI22-06M	1/15/96	1/24/96	1/25/96	10	180	ok
GMI22-07M	1/11/96	1/17/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/17/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/17/96	1/17/96	6	180	ok
GMI22-08M	1/11/96	1/17/96	1/17/96	6	180	ok
IDW	1/15/96	1/24/96	1/25/96	10	180	ok
LF01-1A	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1C	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1D	1/12/96	1/19/96	1/22/96	10	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF01-1E	1/12/96	1/17/96	1/18/96	6	180	ok
LF04-04	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-10	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4A	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4B	1/13/96	1/18/96	1/19/96	6	180	ok
LF04-4D	1/15/96	1/24/96	1/25/96	10	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4E	1/14/96	1/22/96	1/23/96	9	180	ok
LF04-4F	1/14/96	1/22/96	1/23/96	9	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/18/96	1/19/96	6	180	ok
LF05-18	1/13/96	1/18/96	1/19/96	6	180	ok
LF05-5C	1/15/96	1/24/96	1/25/96	10	180	ok
LF05-5C	1/15/96	1/24/96	1/25/96	10	180	ok
LF05-5D	1/14/96	1/22/96	1/23/96	9	180	ok
LF05-5G	1/15/96	1/24/96	1/25/96	10	180	ok
LSA1628-2	1/15/96	1/24/96	1/25/96	10	180	ok
LSA1628-3	1/14/96	1/22/96	1/23/96	9	180	ok
MW-10	1/15/96	1/24/96	1/25/96	10	180	ok
MW-10	1/15/96	1/24/96	1/25/96	10	180	ok
MW-10	1/15/96	1/24/96	1/25/96	10	180	ok
MW-11	1/10/96	1/17/96	1/17/96	7	180	ok
MW-12	1/10/96	1/17/96	1/17/96	7	180	ok
MW-5	1/15/96	1/24/96	1/25/96	10	180	ok
MW-7	1/10/96	1/17/96	1/17/96	7	180	ok
MW-8	1/10/96	1/17/96	1/17/96	7	180	ok
MW-9	1/10/96	1/17/96	1/17/96	7	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
OT15C	1/12/96	1/17/96	1/18/96	6	180	ok
P3A	1/11/96	1/17/96	1/17/96	6	180	ok
P6A	1/13/96	1/18/96	1/19/96	6	180	ok
SD13-01	1/15/96	1/24/96	1/25/96	10	180	ok
SD13-02	1/11/96	1/17/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/17/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/17/96	1/17/96	6	180	ok
SD13-03	1/11/96	1/17/96	1/17/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-05	1/12/96	1/17/96	1/18/96	6	180	ok
SD13-06	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-01	1/11/96	1/17/96	1/17/96	6	180	ok
ST14-02	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-03	1/12/96	1/18/96	1/19/96	7	180	ok
ST14-04	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W05	1/11/96	1/17/96	1/17/96	6	180	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/17/96	1/17/96	6	180	ok
ST14-W07	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W08	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W09	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W11	1/11/96	1/17/96	1/17/96	6	180	ok
ST14-W13	1/11/96	1/17/96	1/17/96	6	180	ok
ST14-W15	1/13/96	1/18/96	1/19/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W16	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W19	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W20	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W21	1/12/96	1/17/96	1/18/96	6	180	ok
ST14-W22	1/12/96	1/19/96	1/22/96	10	180	ok
ST14-W23	1/11/96	1/17/96	1/17/96	6	180	ok
T3	1/10/96	1/17/96	1/17/96	7	180	ok
T4A	1/14/96	1/22/96	1/23/96	9	180	ok
T7	1/11/96	1/17/96	1/17/96	6	180	ok
WP07-10B	1/15/96	1/24/96	1/25/96	10	180	ok
WP07-10C	1/15/96	1/24/96	1/25/96	10	180	ok
Analyte/Extraction Method:		SW8080SW3520				
OT15C	1/12/96	1/16/96	1/24/96	12	40	ok
OT15C	1/12/96	1/16/96	1/24/96	12	40	ok
OT15C	1/12/96	1/16/96	1/24/96	12	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW8240SW5030				
BSSB	1/15/96	1/25/96	1/25/96	10	14	ok
GMI22-04M	1/14/96	1/25/96	1/25/96	11	14	ok
LF04-04	1/13/96	1/25/96	1/25/96	12	14	ok
LF04-4D	1/15/96	1/25/96	1/25/96	10	14	ok
LF04-4E	1/14/96	1/25/96	1/25/96	11	14	ok
LF04-4E	1/14/96	1/25/96	1/25/96	11	14	ok
LF04-4E	1/14/96	1/25/96	1/25/96	11	14	ok
LF04-4F	1/14/96	1/25/96	1/25/96	11	14	ok
LF05-02	1/13/96	1/25/96	1/25/96	12	14	ok
LF05-18	1/13/96	1/25/96	1/25/96	12	14	ok
LF05-5C	1/15/96	1/25/96	1/25/96	10	14	ok
LF05-5C	1/15/96	1/25/96	1/25/96	10	14	ok
LF05-5D	1/14/96	1/25/96	1/25/96	11	14	ok
LF05-5G	1/15/96	1/25/96	1/25/96	10	14	ok
LSA1628-2	1/15/96	1/25/96	1/25/96	10	14	ok
MW-10	1/15/96	1/25/96	1/25/96	10	14	ok
MW-10	1/15/96	1/25/96	1/25/96	10	14	ok
MW-10	1/15/96	1/25/96	1/25/96	10	14	ok
WP07-10B	1/15/96	1/25/96	1/25/96	10	14	ok
WP07-10C	1/15/96	1/25/96	1/25/96	10	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW8260SW5030				
BSSA	1/10/96	1/15/96	1/15/96	5	14	ok
BSSA	1/10/96	1/15/96	1/15/96	5	14	ok
FT08-11A	1/14/96	1/22/96	1/22/96	8	14	ok
FT08-11B	1/14/96	1/22/96	1/22/96	8	14	ok
FT09-12A	1/13/96	1/19/96	1/19/96	6	14	ok
FT09-12A	1/13/96	1/19/96	1/19/96	6	14	ok
FT09-12B	1/14/96	1/22/96	1/22/96	8	14	ok
FT09-12B	1/14/96	1/22/96	1/22/96	8	14	ok
FT09-12B	1/14/96	1/22/96	1/22/96	8	14	ok
FT09-12C	1/13/96	1/19/96	1/19/96	6	14	ok
GMI22-02M	1/13/96	1/19/96	1/19/96	6	14	ok
GMI22-03M	1/14/96	1/22/96	1/22/96	8	14	ok
GMI22-05M	1/12/96	1/19/96	1/19/96	7	14	ok
GMI22-06M	1/15/96	1/23/96	1/23/96	8	14	ok
GMI22-07M	1/11/96	1/17/96	1/17/96	6	14	ok
GMI22-08M	1/11/96	1/15/96	1/15/96	4	14	ok
GMI22-08M	1/11/96	1/15/96	1/15/96	4	14	ok
GMI22-08M	1/11/96	1/15/96	1/15/96	4	14	ok
IDW	1/15/96	1/23/96	1/23/96	8	14	ok
LF01-1A	1/12/96	1/19/96	1/19/96	7	14	ok
LF01-1C	1/12/96	1/17/96	1/17/96	5	14	ok
LF01-1D	1/12/96	1/19/96	1/19/96	7	14	ok
LF01-1E	1/12/96	1/19/96	1/19/96	7	14	ok
LF01-1E	1/12/96	1/19/96	1/19/96	7	14	ok
LF04-10	1/13/96	1/22/96	1/22/96	9	14	ok
LF04-4A	1/13/96	1/22/96	1/22/96	9	14	ok
LF04-4B	1/13/96	1/22/96	1/22/96	9	14	ok
LSA1628-3	1/14/96	1/22/96	1/22/96	8	14	ok
MW-11	1/10/96	1/15/96	1/15/96	5	14	ok
MW-12	1/10/96	1/15/96	1/15/96	5	14	ok
MW-5	1/15/96	1/23/96	1/23/96	8	14	ok
MW-7	1/10/96	1/15/96	1/15/96	5	14	ok
MW-8	1/10/96	1/15/96	1/15/96	5	14	ok
MW-9	1/10/96	1/15/96	1/15/96	5	14	ok
OT15C	1/12/96	1/17/96	1/17/96	5	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
OT15C	1/12/96	1/17/96	1/17/96	5	14	ok
OT15C	1/12/96	1/17/96	1/17/96	5	14	ok
P3A	1/11/96	1/17/96	1/17/96	6	14	ok
P6A	1/13/96	1/22/96	1/22/96	9	14	ok
SD13-01	1/15/96	1/23/96	1/23/96	8	14	ok
SD13-02	1/11/96	1/15/96	1/15/96	4	14	ok
SD13-03	1/11/96	1/15/96	1/15/96	4	14	ok
SD13-03	1/11/96	1/15/96	1/15/96	4	14	ok
SD13-03	1/11/96	1/15/96	1/15/96	4	14	ok
SD13-05	1/12/96	1/19/96	1/19/96	7	14	ok
SD13-05	1/12/96	1/19/96	1/19/96	7	14	ok
SD13-06	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-01	1/11/96	1/17/96	1/17/96	6	14	ok
ST14-02	1/13/96	1/19/96	1/19/96	6	14	ok
ST14-03	1/12/96	1/22/96	1/22/96	10	14	ok
ST14-03	1/12/96	1/22/96	1/22/96	10	14	ok
ST14-04	1/13/96	1/22/96	1/22/96	9	14	ok
ST14-W05	1/11/96	1/15/96	1/15/96	4	14	ok
ST14-W06	1/11/96	1/15/96	1/15/96	4	14	ok
ST14-W07	1/12/96	1/19/96	1/19/96	7	14	ok
ST14-W08	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W08	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W08	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W09	1/13/96	1/19/96	1/19/96	6	14	ok
ST14-W09	1/13/96	1/19/96	1/19/96	6	14	ok
ST14-W09	1/13/96	1/19/96	1/19/96	6	14	ok
ST14-W11	1/11/96	1/17/96	1/17/96	6	14	ok
ST14-W13	1/11/96	1/15/96	1/15/96	4	14	ok
ST14-W15	1/13/96	1/22/96	1/22/96	9	14	ok
ST14-W16	1/12/96	1/19/96	1/19/96	7	14	ok
ST14-W16	1/12/96	1/19/96	1/19/96	7	14	ok
ST14-W19	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W20	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W20	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W21	1/12/96	1/17/96	1/17/96	5	14	ok
ST14-W22	1/12/96	1/19/96	1/19/96	7	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W23	1/11/96	1/17/96	1/17/96	6	14	ok
T3	1/10/96	1/15/96	1/15/96	5	14	ok
T4A	1/14/96	1/22/96	1/22/96	8	14	ok
T7	1/11/96	1/17/96	1/17/96	6	14	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW8270SW3520				
BSSA	1/10/96	1/12/96	1/17/96	7	40	ok
BSSA	1/10/96	1/12/96	1/17/96	7	40	ok
BSSB	1/15/96	1/18/96	1/25/96	10	40	ok
FT08-11A	1/14/96	1/18/96	1/23/96	9	40	ok
FT08-11B	1/14/96	1/18/96	1/23/96	9	40	ok
FT09-12A	1/13/96	1/17/95	1/19/96	6	40	ok
FT09-12A	1/13/96	1/17/95	1/19/96	6	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12C	1/13/96	1/17/95	1/19/96	6	40	ok
GMI22-02M	1/13/96	1/17/95	1/19/96	6	40	ok
GMI22-03M	1/14/96	1/18/96	1/23/96	9	40	ok
GMI22-04M	1/14/96	1/18/96	1/23/96	9	40	ok
GMI22-05M	1/12/96	1/16/96	1/19/96	7	40	ok
GMI22-06M	1/15/96	1/18/96	1/25/96	10	40	ok
GMI22-07M	1/11/96	1/15/96	1/18/96	7	40	ok
GMI22-08M	1/11/96	1/15/96	1/19/96	8	40	ok
GMI22-08M	1/11/96	1/15/96	1/20/96	9	40	ok
GMI22-08M	1/11/96	1/15/96	1/19/96	8	40	ok
IDW	1/15/96	1/18/96	1/25/96	10	40	ok
LF01-1A	1/12/96	1/16/96	1/19/96	7	40	ok
LF01-1C	1/12/96	1/16/96	1/20/96	8	40	ok
LF01-1D	1/12/96	1/16/96	1/19/96	7	40	ok
LF01-1E	1/12/96	1/16/96	1/20/96	8	40	ok
LF01-1E	1/12/96	1/16/96	1/20/96	8	40	ok
LF04-04	1/13/96	1/17/95	1/19/96	6	40	ok
LF04-10	1/13/96	1/17/95	1/24/96	11	40	ok
LF04-4A	1/13/96	1/17/95	1/25/96	12	40	ok
LF04-4B	1/13/96	1/17/95	1/23/96	10	40	ok
LF04-4D	1/15/96	1/18/96	1/25/96	10	40	ok
LF04-4E	1/14/96	1/18/96	1/22/96	8	40	ok
LF04-4E	1/14/96	1/18/96	1/22/96	8	40	ok
LF04-4E	1/14/96	1/18/96	1/23/96	9	40	ok
LF04-4F	1/14/96	1/18/96	1/23/96	9	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
LF05-02	1/13/96	1/17/95	1/19/96	6	40	ok
LF05-18	1/13/96	1/17/95	1/23/96	10	40	ok
LF05-5C	1/15/96	1/18/96	1/24/96	9	40	ok
LF05-5C	1/15/96	1/18/96	1/25/96	10	40	ok
LF05-5D	1/14/96	1/18/96	1/23/96	9	40	ok
LF05-5G	1/15/96	1/18/96	1/25/96	10	40	ok
LSA1628-2	1/15/96	1/18/96	1/25/96	10	40	ok
LSA1628-3	1/14/96	1/18/96	1/23/96	9	40	ok
MW-10	1/15/96	1/18/96	1/25/96	10	40	ok
MW-10	1/15/96	1/18/96	1/25/96	10	40	ok
MW-10	1/15/96	1/18/96	1/25/96	10	40	ok
MW-11	1/10/96	1/12/96	1/17/96	7	40	ok
MW-12	1/10/96	1/12/96	1/17/96	7	40	ok
MW-5	1/15/96	1/18/96	1/25/96	10	40	ok
MW-7	1/10/96	1/12/96	1/18/96	8	40	ok
MW-8	1/10/96	1/12/96	1/17/96	7	40	ok
MW-9	1/10/96	1/12/96	1/18/96	8	40	ok
OT15C	1/12/96	1/16/96	1/20/96	8	40	ok
OT15C	1/12/96	1/16/96	1/20/96	8	40	ok
OT15C	1/12/96	1/16/96	1/20/96	8	40	ok
P3A	1/11/96	1/15/96	1/19/96	8	40	ok
P6A	1/13/96	1/17/95	1/22/96	9	40	ok
SD13-01	1/15/96	1/18/96	1/25/96	10	40	ok
SD13-02	1/11/96	1/15/96	1/18/96	7	40	ok
SD13-03	1/11/96	1/15/96	1/18/96	7	40	ok
SD13-03	1/11/96	1/15/96	1/19/96	8	40	ok
SD13-03	1/11/96	1/15/96	1/19/96	8	40	ok
SD13-05	1/12/96	1/16/96	1/20/96	8	40	ok
SD13-05	1/12/96	1/16/96	1/20/96	8	40	ok
SD13-06	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-01	1/11/96	1/15/96	1/18/96	7	40	ok
ST14-02	1/13/96	1/17/95	1/19/96	6	40	ok
ST14-03	1/12/96	1/17/95	1/19/96	7	40	ok
ST14-03	1/12/96	1/17/95	1/25/96	13	40	ok
ST14-04	1/13/96	1/17/95	1/25/96	12	40	ok
ST14-W05	1/11/96	1/15/96	1/18/96	7	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
Analyte/Extraction Method:		SW8270SW3520				
BSSA	1/10/96	1/12/96	1/17/96	7	40	ok
BSSA	1/10/96	1/12/96	1/17/96	7	40	ok
BSSB	1/15/96	1/18/96	1/25/96	10	40	ok
FT08-11A	1/14/96	1/18/96	1/23/96	9	40	ok
FT08-11B	1/14/96	1/18/96	1/23/96	9	40	ok
FT09-12A	1/13/96	1/17/95	1/19/96	6	40	ok
FT09-12A	1/13/96	1/17/95	1/19/96	6	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12B	1/14/96	1/18/96	1/24/96	10	40	ok
FT09-12C	1/13/96	1/17/95	1/19/96	6	40	ok
GMI22-02M	1/13/96	1/17/95	1/19/96	6	40	ok
GMI22-03M	1/14/96	1/18/96	1/23/96	9	40	ok
GMI22-04M	1/14/96	1/18/96	1/23/96	9	40	ok
GMI22-05M	1/12/96	1/16/96	1/19/96	7	40	ok
GMI22-06M	1/15/96	1/18/96	1/25/96	10	40	ok
GMI22-07M	1/11/96	1/15/96	1/18/96	7	40	ok
GMI22-08M	1/11/96	1/15/96	1/19/96	8	40	ok
GMI22-08M	1/11/96	1/15/96	1/20/96	9	40	ok
GMI22-08M	1/11/96	1/15/96	1/19/96	8	40	ok
IDW	1/15/96	1/18/96	1/25/96	10	40	ok
LF01-1A	1/12/96	1/16/96	1/19/96	7	40	ok
LF01-1C	1/12/96	1/16/96	1/20/96	8	40	ok
LF01-1D	1/12/96	1/16/96	1/19/96	7	40	ok
LF01-1E	1/12/96	1/16/96	1/20/96	8	40	ok
LF01-1E	1/12/96	1/16/96	1/20/96	8	40	ok
LF04-04	1/13/96	1/17/95	1/19/96	6	40	ok
LF04-10	1/13/96	1/17/95	1/24/96	11	40	ok
LF04-4A	1/13/96	1/17/95	1/25/96	12	40	ok
LF04-4B	1/13/96	1/17/95	1/23/96	10	40	ok
LF04-4D	1/15/96	1/18/96	1/25/96	10	40	ok
LF04-4E	1/14/96	1/18/96	1/22/96	8	40	ok
LF04-4E	1/14/96	1/18/96	1/22/96	8	40	ok
LF04-4E	1/14/96	1/18/96	1/23/96	9	40	ok
LF04-4F	1/14/96	1/18/96	1/23/96	9	40	ok

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Days	Date to Analysis Criterion	Date Status
ST14-W06	1/11/96	1/15/96	1/18/96	7	40	ok
ST14-W07	1/12/96	1/16/96	1/19/96	7	40	ok
ST14-W08	1/12/96	1/16/96	1/19/96	7	40	ok
ST14-W08	1/12/96	1/16/96	1/19/96	7	40	ok
ST14-W08	1/12/96	1/16/96	1/19/96	7	40	ok
ST14-W09	1/13/96	1/17/95	1/24/96	11	40	ok
ST14-W09	1/13/96	1/17/95	1/19/96	6	40	ok
ST14-W09	1/13/96	1/17/95	1/24/96	11	40	ok
ST14-W11	1/11/96	1/15/96	1/19/96	8	40	ok
ST14-W13	1/11/96	1/15/96	1/18/96	7	40	ok
ST14-W15	1/13/96	1/17/95	1/22/96	9	40	ok
ST14-W16	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W16	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W19	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W20	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W20	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W21	1/12/96	1/16/96	1/20/96	8	40	ok
ST14-W22	1/12/96	1/16/96	1/19/96	7	40	ok
ST14-W23	1/11/96	1/15/96	1/19/96	8	40	ok
T3	1/10/96	1/12/96	1/17/96	7	40	ok
T4A	1/14/96	1/18/96	1/23/96	9	40	ok
T7	1/11/96	1/15/96	1/18/96	7	40	ok
WP07-10B	1/15/96	1/18/96	1/24/96	9	40	ok
WP07-10C	1/15/96	1/18/96	1/24/96	9	40	ok

294313

TAB

APPENDIX G

APPENDIX G

MS/MSD RESULTS

APPENDIX G-1

THIRD QUARTER MS/MSD RESULTS

Sample Identification

FT09-12B MS	OT15C MS
FT09-12B MSD	OT15C MSD
GMI22-08M MS	SD13-03 MS
GMI22-08M MSD	SD13-03 MSD
LF04-4E MS	ST14-W09 MS
LF04-4E MSD	ST14-W09 MSD
MW-10 MS	ST14-W19 MS
MW-10 MSD	ST14-W19 MSD

294316

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Matrix Spike - Lab ID No.:FT09-12B/AA80825 Level: (low/med) LOW

FT09-12BMS/AA80826 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000	0.00	2030	102	75 - 125
Antimony	500	0.00	519	104	75 - 125
Barium	2000	141	2130	99	75 - 125
Beryllium	50.0	0.00	50.0	100	75 - 125
Cadmium	50.0	0.00	52.0	104	75 - 125
Calcium					
Chromium	200	0.00	211	106	75 - 125
Cobalt	500	0.00	498	100	75 - 125
Copper	250	0.00	257	103	75 - 125
Iron	1000	1550	2600	105	75 - 125
Magnesium					
Manganese	500	767	1250	97	75 - 125
Molybdenum	500	0.00	507	101	75 - 125
Nickel	500	0.00	499	100	75 - 125
Potassium					
Silver	100	0.00	104	104	75 - 125
Sodium					
Vanadium	500	0.00	508	102	75 - 125
Zinc	500	0.00	489	98	75 - 125

Spike Recovery: 0 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

291317

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Matrix Spike - Lab ID No.:FT09-12B/AA80825 Level: (low/med) LOW

FT09-12BMSD/AA80827 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	1990	100		2		20	75 - 125
Antimony	500	502	100		3		20	75 - 125
Barium	2000	2090	97		2		20	75 - 125
Beryllium	50.0	49.0	98		2		20	75 - 125
Cadmium	50.0	50.0	100		4		20	75 - 125
Calcium								
Chromium	200	190	95		10		20	75 - 125
Cobalt	500	488	98		2		20	75 - 125
Copper	250	252	101		2		20	75 - 125
Iron	1000	2530	98		7		20	75 - 125
Magnesium								
Manganese	500	1220	91		6		20	75 - 12[illegible]
Molybdenum	500	498	100		2		20	75 - 12[illegible]
Nickel	500	482	96		3		20	75 - 125
Potassium								
Silver	100	102	102		2		20	75 - 125
Sodium								
Vanadium	500	496	99		2		20	75 - 125
Zinc	500	477	86		3		20	75 - 125

Spike Recovery: 0 out of 19 outside limits.
RPD: 0 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3090B

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Sample No.: FT09-12B/AA80825 Level: (low/med) LOW

FT09-12BMS/AA80826 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	0.00	48.6	97	75 - 125
Lead (EPA 7421)	50.0	0.00	53.9	108	75 - 125
Selenium (EPA 7740)	50.0	0.00	43.0	86	75 - 125
Thallium (EPA 7841)	50.0	0.00	39.4	79	75 - 125

FT09-12BMSD/AA80827 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	49.0	98		1		20	75 - 125
Lead (EPA 7421)	50.0	53.8	108		0		20	75 - 125
Selenium (EPA 7740)	50.0	42.8	86		1		20	75 - 125
Thallium (EPA 7841)	50.0	40.1	80		2		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 0 out of 8 outside limits.

fwm3058B

294319

3 - 8260

VOLATILE 25 ML
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 45C80821

Sample No.: FT09-12B/AA80825 Level:(low/med)LOW

FT09-12BMS/AA80826 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.00	10.1	101		68 - 124
Chlorobenzene	10.0	0.00	10.1	101		73 - 127
Chloroform	10.0	0.00	11.7	117		63 - 117
Dibromochloromethane	10.0	0.00	6.51	65		64 - 120
1,1-Dichloroethene	10.0	0.00	13.3	133	*	69 - 122
Ethylbenzene	10.0	0.00	10.9	109		72 - 125
Tetrachloroethene	10.0	11.4	23.8	124	*	66 - 116
Toluene	10.0	0.00	9.78	98		73 - 122
1,1,1-Trichloroethane	10.0	0.00	12.6	126		69 - 127
Trichloroethene	10.0	28.2	39.3	111		76 - 117

FT09-12BMSD/AA80827 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.0	10.0	100	1		40	68 - 124
Chlorobenzene	10.0	10.2	102	1		40	73 - 127
Chloroform	10.0	11.2	112	5		40	63 - 117
Dibromochloromethane	10.0	7.18	72	10		40	64 - 120
1,1-Dichloroethene	10.0	12.0	120	10		40	69 - 122
Ethylbenzene	10.0	10.4	104	4		40	72 - 125
Tetrachloroethene	10.0	22.6	112	10		40	66 - 116
Toluene	10.0	9.38	94	4		40	73 - 122
1,1,1-Trichloroethane	10.0	12.2	122	3		40	69 - 127
Trichloroethene	10.0	37.8	96	14		40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 10 outside limits.

Spike Recovery: 2 out of 20 outside limits.

vmw216A

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-2517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Sample No.: FT09-12B/AA80825 Level:(low/med) LOW

FT09-12BMS/AA80826 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	106	0.00	78.6	74		47 - 136
Benzo(a)anthracene	106	0.00	87.7	82		48 - 139
Benzo(a)pyrene	106	0.00	83.5	78		17 - 156
bis(2-Chloroethoxy)methane	106	0.00	84.3	79		33 - 154
Butyl benzyl phthalate	106	34.9	83.8	46		36 - 152
4-Chloro-3-methylphenol	160	0.00	116	73		44 - 136
2-Chlorophenol	160	0.00	120	75		28 - 134
1,4-Dichlorobenzene	106	0.00	58.6	55		20 - 124
2,4-Dinitrotoluene	106	0.00	82.6	78		44 - 135
Hexachlorobenzene	106	0.00	72.7	68		34 - 152
Naphthalene	106	0.00	70.9	67		42 - 128
4-Nitrophenol	160	0.00	167	105		D - 132
N-Nitroso-di-n-propylamine	106	0.00	88.4	83		30 - 144
Pentachlorophenol	160	0.00	154	96		14 - 176
Phenol	160	0.00	105	66		19 - 112
Pyrene	106	0.00	88.9	84		52 - 115
1,2,4-Trichlorobenzene	106	0.00	62.8	59		44 - 124

FT09-12BMSD/AA80827 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	108	80.6	75	1		40	47 - 136
Benzo(a)anthracene	108	90.9	85	3		40	48 - 139
Benzo(a)pyrene	108	87.3	81	3		40	17 - 156
bis(2-Chloroethoxy)methane	108	88.1	82	3		40	33 - 154
Butyl benzyl phthalate	108	90.5	52	12		40	36 - 152
4-Chloro-3-methylphenol	161	130	81	10		40	44 - 136
2-Chlorophenol	161	124	77	2		40	28 - 134
1,4-Dichlorobenzene	108	60.8	57	3		40	20 - 124
2,4-Dinitrotoluene	108	79.0	73	5		40	44 - 135
Hexachlorobenzene	108	74.1	69	1		40	34 - 152
Naphthalene	108	74.5	69	4		40	42 - 128
4-Nitrophenol	161	118	73	35		40	D - 132
N-Nitroso-di-n-propylamine	108	94.6	88	6		40	30 - 144
Pentachlorophenol	161	157	97	1		40	14 - 176
Phenol	161	109	68	3		40	19 - 112
Pyrene	108	95.3	89	6		40	52 - 115
1,2,4-Trichlorobenzene	108	64.2	60	1		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 17 outside limits.
Spike Recovery: 0 out of 34 outside limits.
smw7390

3 - 6010

294321

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 48C80887

Matrix Spike - Lab ID No.: GM122-08M/AA80891 Level: (low/med) LOW

GM122-08MMS/AA80890 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	4160	6740	129	*	75 - 125
Antimony	500	0.00	471	94		75 - 125
Barium	2000	91.0	2220	106		75 - 125
Beryllium	50.0	0.00	53.0	106		75 - 125
Cadmium	50.0	0.00	53.0	106		75 - 125
Calcium						
Chromium	200	0.00	214	107		75 - 125
Cobalt	500	0.00	532	106		75 - 125
Copper	250	0.00	267	107		75 - 125
Iron	1000	9360	10700	134	*	75 - 125
Magnesium						
Manganese	500	877	1400	105		75 - 125
Molybdenum	500	0.00	486	97		75 - 125
Nickel	500	0.00	528	106		75 - 125
Potassium						
Silver	100	0.00	104	104		75 - 125
Sodium						
Vanadium	500	0.00	519	104		75 - 125
Zinc	500	16.0	531	103		75 - 125

Spike Recovery: 2 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

294322

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 48C80887

Matrix Spike - Lab ID No.: GM122-08M/AA80891 Level: (low/med) LOW

GM122-08MMSD/AA80889 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% RPD	#	# RPD	QC LIMITS REC.
Aluminum	2000	6490	117	10		20	75 - 125
Antimony	500	460	92	2		20	75 - 125
Barium	2000	2180	104	2		20	75 - 125
Beryllium	50.0	51.0	102	4		20	75 - 125
Cadmium	50.0	50.0	100	6		20	75 - 125
Calcium							
Chromium	200	208	104	3		20	75 - 125
Cobalt	500	518	104	3		20	75 - 125
Copper	250	259	104	3		20	75 - 125
Iron	1000	10300	94	35	*	20	75 - 125
Magnesium							
Manganese	500	1360	97	8		20	75 - 125
Molybdenum	500	489	98	1		20	75 - 125
Nickel	500	513	103	3		20	75 - 125
Potassium							
Silver	100	102	102	2		20	75 - 125
Sodium							
Vanadium	500	507	101	2		20	75 - 125
Zinc	500	520	101	2		20	75 - 125

Spike Recovery: 0 out of 19 outside limits.
RPD: 1 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3091

294323

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 48C80887

Sample No.: GM122-08M/AA80891 Level: (low/med) LOW

GM122-08MMS/AA80890 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	0.00	35.4	71	*	75 - 125
Lead (EPA 7421)	50.0	5.22	54.9	99		75 - 125
Selenium (EPA 7740)	50.0	0.00	47.3	95		75 - 125
Thallium (EPA 7841)	50.0	0.00	40.9	82		75 - 125

GM122-08MMSD/AA80889 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	34.8	70	*	2		20	75 - [illegible]
Lead (EPA 7421)	50.0	53.5	97		3		20	75 - 125
Selenium (EPA 7740)	50.0	47.8	96		1		20	75 - 125
Thallium (EPA 7841)	50.0	38.2	76		7		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 2 out of 8 outside limits.

FWM3062

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 48C80887

Sample No.: GM122-08M/AA80891 Level: (low/med) LOW

GM122-08MMS/AA80890 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.890	89		75 - 125

GM122-08MMSD/AA80889 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.952	95		7		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0483

3 - 8260

VOLATILE 25 ML
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-4607

Lab Code: LENL-P Case No.: 11607 SDG NO.: 73153

Sample No.: PD36SW-1/AA73153 Level:(low/med)LOW

PD36SW-1MS/AA73156 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.00	9.54	95		68 - 124
Chlorobenzene	10.0	0.00	7.63	76		73 - 127
Chloroform	10.0	0.00	11.3	113		63 - 117
Dibromochloromethane	10.0	0.00	7.31	73		64 - 120
1,1-Dichloroethene	10.0	0.00	11.5	115		69 - 122
Ethylbenzene	10.0	0.00	10.3	103		72 - 125
Tetrachloroethene	10.0	0.00	10.4	104		66 - 116
Toluene	10.0	0.00	9.60	96		73 - 122
1,1,1-Trichloroethane	10.0	0.00	12.1	121		69 - 127
Trichloroethene	10.0	0.00	9.93	99		76 - 117

PD36SW-1MSD/AA73157 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.0	9.52	95	0		40	68 - 124
Chlorobenzene	10.0	9.67	97	24		40	73 - 127
Chloroform	10.0	11.2	112	1		40	63 - 117
Dibromochloromethane	10.0	7.00	70	4		40	64 - 120
1,1-Dichloroethene	10.0	11.1	111	3		40	69 - 122
Ethylbenzene	10.0	10.4	104	1		40	72 - 125
Tetrachloroethene	10.0	10.4	104	0		40	66 - 116
Toluene	10.0	9.03	90	6		40	73 - 122
1,1,1-Trichloroethane	10.0	12.4	124	2		40	69 - 127
Trichloroethene	10.0	9.84	98	1		40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 10 outside limits.
Spike Recovery: 0 out of 20 outside limits.
vmw218

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 48C80887

Sample No.: GM122-08M/AA80891 Level:(low/med) LOW

GM122-08MMS/AA80890 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	109	0.00	64.6	59		47 - 138
Benzo(a)anthracene	109	0.00	75.5	69		48 - 139
Benzo(a)pyrene	109	0.00	62.0	57		17 - 156
bis(2-Chloroethoxy)methane	109	0.00	67.5	62		33 - 154
Butyl benzyl phthalate	109	1.33	74.1	67		36 - 152
4-Chloro-3-methylphenol	163	0.00	94.1	58		44 - 136
2-Chlorophenol	163	0.00	105	64		28 - 134
1,4-Dichlorobenzene	109	0.00	53.9	50		20 - 124
2,4-Dinitrotoluene	109	0.00	65.9	61		44 - 135
Hexachlorobenzene	109	0.00	70.9	65		34 - 152
Naphthalene	109	0.00	65.1	60		42 - 128
4-Nitrophenol	163	0.00	28.3	17		D - 132
N-Nitroso-di-n-propylamine	109	0.00	63.4	58		30 - 144
Pentachlorophenol	163	0.00	78.5	48		14 - 176
Phenol	163	8.04	98.5	55		19 - 112
Pyrene	109	0.00	70.2	65		52 - 115
1,2,4-Trichlorobenzene	109	0.00	55.3	51		44 - 124

GM122-08MMSD/AA80889 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	110	66.9	61	2		40	47 - 136
Benzo(a)anthracene	110	79.4	72	4		40	48 - 139
Benzo(a)pyrene	110	67.5	61	7		40	17 - 156
bis(2-Chloroethoxy)methane	110	71.7	65	5		40	33 - 154
Butyl benzyl phthalate	110	79.9	71	7		40	36 - 152
4-Chloro-3-methylphenol	165	94.6	57	1		40	44 - 136
2-Chlorophenol	165	110	67	4		40	28 - 134
1,4-Dichlorobenzene	110	57.2	52	5		40	20 - 124
2,4-Dinitrotoluene	110	70.1	64	5		40	44 - 135
Hexachlorobenzene	110	76.9	70	7		40	34 - 152
Naphthalene	110	68.7	63	4		40	42 - 128
4-Nitrophenol	165	49.0	30	53	*	40	D - 132
N-Nitroso-di-n-propylamine	110	71.3	65	11		40	30 - 144
Pentachlorophenol	165	79.9	48	1		40	14 - 176
Phenol	165	105	59	6		40	19 - 112
Pyrene	110	74.3	68	5		40	52 - 115
1,2,4-Trichlorobenzene	110	58.8	54	5		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 1 out of 17 outside limits.
Spike Recovery: 0 out of 34 outside limits.
smw7416

294327

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 44C80807

Matrix Spike - Lab ID No.: LF04-4E/AA80818 Level: (low/med) LOW

LF04-4EMS/AA80819 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000	4320	6300	99	75 - 125
Antimony	500	0.00	479	96	75 - 125
Barium	2000	166	2140	99	75 - 125
Beryllium	50.0	0.00	50.0	100	75 - 125
Cadmium	50.0	0.00	49.0	98	75 - 125
Calcium					
Chromium	200	0.00	209	105	75 - 125
Cobalt	500	0.00	507	101	75 - 125
Copper	250	0.00	262	105	75 - 125
Iron	1000	9030	9720	69 *	75 - 125
Magnesium					
Manganese	500	1360	1810	90	75 - 125
Molybdenum	500	0.00	508	102	75 - 125
Nickel	500	0.00	494	99	75 - 125
Potassium					
Silver	100	0.00	103	103	75 - 125
Sodium					
Vanadium	500	0.00	527	105	75 - 125
Zinc	500	30.0	504	95	75 - 125

Spike Recovery: 1 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 44C80807

Matrix Spike - Lab ID No.: LF04-4E/AA80818 Level: (low/med) LOW

LF04-4EMSD/AA80820 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	6410	105		5		20	75 - 125
Antimony	500	488	98		2		20	75 - 125
Barium	2000	2140	99		0		20	75 - 125
Beryllium	50.0	50.0	100		0		20	75 - 125
Cadmium	50.0	50.0	100		2		20	75 - 125
Calcium								
Chromium	200	212	106		1		20	75 - 125
Cobalt	500	499	100		2		20	75 - 125
Copper	250	264	106		1		20	75 - 125
Iron	1000	10300	127	*	59	*	20	75 - 125
Magnesium								
Manganese	500	1860	100		11		20	75 - 125
Molybdenum	500	510	102		0		20	75 - 125
Nickel	500	496	99		0		20	75 - 125
Potassium								
Silver	100	104	104		1		20	75 - 125
Sodium								
Vanadium	500	528	106		0		20	75 - 125
Zinc	500	497	93		1		20	75 - 125

Spike Recovery: 1 out of 19 outside limits.
RPD: 1 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3090

294329

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 44C80807

Sample No.: LF04-4E/AA80818 Level: (low/med) LOW

LF04-4EMS/AA80819 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	0.00	31.8	64	*	75 - 125
Lead (EPA 7421)	50.0	6.72	60.9	108		75 - 125
Selenium (EPA 7740)	50.0	0.00	36.3	73	*	75 - 125
Thallium (EPA 7841)	50.0	0.00	36.7	73	*	75 - 125

LF04-4EMSD/AA80820 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	32.1	64	*	1		20	75 - 12
Lead (EPA 7421)	50.0	59.7	106		2		20	75 - 125
Selenium (EPA 7740)	50.0	35.3	71	*	3		20	75 - 125
Thallium (EPA 7841)	50.0	36.3	73	*	1		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 6 out of 8 outside limits.

fwm3058

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 44C80807

Sample No.: LF04-4E/AA80818 Level: (low/med) LOW

LF04-4EMS/AA80819 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	1.03	103		75 - 125

LF04-4EMSD/AA80820 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	1.02	102		1		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm483A

294331

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 44C80807

Sample No.: LF04-4E/AA80818 Level:(low/med)LOW

LF04-4EMS/AA80819 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	500	0.00	508	102	68 - 124
Chlorobenzene	500	0.00	478	96	73 - 127
Chloroform	500	0.00	506	101	63 - 117
Dibromochloromethane	500	0.00	498	100	64 - 120
1,1-Dichloroethene	500	0.00	497	99	69 - 122
Ethylbenzene	500	0.00	499	100	72 - 125
Tetrachloroethene	500	0.00	498	100	66 - 116
Toluene	500	0.00	503	101	73 - 122
1,1,1-Trichloroethane	500	0.00	499	100	69 - 127
Trichloroethene	500	1530	2100	114	76 - 117

LF04-4EMSD/AA80820 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	500	509	102	0	40	68 - 124
Chlorobenzene	500	482	96	1	40	73 - 127
Chloroform	500	509	102	1	40	63 - 117
Dibromochloromethane	500	480	96	4	40	64 - 120
1,1-Dichloroethene	500	495	99	0	40	69 - 122
Ethylbenzene	500	496	99	1	40	72 - 125
Tetrachloroethene	500	493	99	1	40	66 - 116
Toluene	500	500	100	1	40	73 - 122
1,1,1-Trichloroethane	500	502	100	1	40	69 - 127
Trichloroethene	500	2100	114	0	40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 10 outside limits.

Spike Recovery: 0 out of 20 outside limits.

vmw929

294332

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 44C80807

Sample No.: LF04-4E/AA80818 Level:(low/med) LOW

LF04-4EMS/AA80819 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	114	0.00	76.1	67		47 - 136
Benzo(a)anthracene	114	0.00	87.3	77		48 - 139
Benzo(a)pyrene	114	0.00	71.5	63		17 - 156
bis(2-Chloroethoxy)methane	114	0.00	81.2	71		33 - 154
Butyl benzyl phthalate	114	4.92	92.9	77		36 - 152
4-Chloro-3-methylphenol	170	0.00	115	67		44 - 136
2-Chlorophenol	170	0.00	120	70		28 - 134
1,4-Dichlorobenzene	114	0.00	61.9	54		20 - 124
2,4-Dinitrotoluene	114	0.00	70.0	62		44 - 135
Hexachlorobenzene	114	0.00	87.1	77		34 - 152
Naphthalene	114	0.00	80.5	71		42 - 128
4-Nitrophenol	170	0.00	28.8	17		D - 132
N-Nitroso-di-n-propylamine	114	0.00	80.9	71		30 - 144
Pentachlorophenol	170	0.00	88.2	52		14 - 176
Phenol	170	0.00	113	66		19 - 112
Pyrene	114	0.00	86.7	76		52 - 115
1,2,4-Trichlorobenzene	114	0.00	68.6	60		44 - 124

LF04-4EMSD/AA80820 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	102	72.4	71	6		40	47 - 136
Benzo(a)anthracene	102	80.4	79	3		40	48 - 139
Benzo(a)pyrene	102	62.3	61	3		40	17 - 156
bis(2-Chloroethoxy)methane	102	71.6	70	2		40	33 - 154
Butyl benzyl phthalate	102	88.4	82	5		40	36 - 152
4-Chloro-3-methylphenol	153	111	73	7		40	44 - 136
2-Chlorophenol	153	110	72	2		40	28 - 134
1,4-Dichlorobenzene	102	56.7	56	2		40	20 - 124
2,4-Dinitrotoluene	102	64.0	63	2		40	44 - 135
Hexachlorobenzene	102	84.7	83	8		40	34 - 152
Naphthalene	102	72.1	71	0		40	42 - 128
4-Nitrophenol	153	22.2	15	15		40	D - 132
N-Nitroso-di-n-propylamine	102	72.0	71	1		40	30 - 144
Pentachlorophenol	153	89.0	58	12		40	14 - 176
Phenol	153	104	68	2		40	19 - 112
Pyrene	102	79.1	78	2		40	52 - 115
1,2,4-Trichlorobenzene	102	62.0	61	1		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 17 outside limits.
Spike Recovery: 0 out of 34 outside limits.
smw7391

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 46C80828

Matrix Spike - Lab ID No.: MW-10/AA80839 Level: (low/med) LOW

MW-10MS/AA80840 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	1310	3600	115		75 - 125
Antimony	500	0.00	486	97		75 - 125
Barium	2000	257	2180	96		75 - 125
Beryllium	50.0	0.00	48.0	96		75 - 125
Cadmium	50.0	10.0	48.0	76		75 - 125
Calcium						
Chromium	200	0.00	212	106		75 - 125
Cobalt	500	0.00	482	96		75 - 125
Copper	250	0.00	255	102		75 - 125
Iron	1000	5170	6430	126	*	75 - 125
Magnesium						
Manganese	500	8430	8970	108		75 - 125
Molybdenum	500	0.00	498	100		75 - 125
Nickel	500	0.00	517	103		75 - 125
Potassium						
Silver	100	0.00	103	103		75 - 125
Sodium						
Vanadium	500	0.00	473	95		75 - 125
Zinc	500	0.00	513	103		75 - 125

Spike Recovery: 1 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 46C80828

Matrix Spike - Lab ID No.: MW-10/AA80839 Level: (low/med) LOW

MW-10MSD/AA80841 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	3410	105		9		20	75 - 125
Antimony	500	498	100		2		20	75 - 125
Barium	2000	2240	99		3		20	75 - 125
Beryllium	50.0	49.0	98		2		20	75 - 125
Cadmium	50.0	50.0	80		5		20	75 - 125
Calcium								
Chromium	200	193	97		9		20	75 - 125
Cobalt	500	490	98		2		20	75 - 125
Copper	250	259	104		2		20	75 - 125
Iron	1000	6410	124		2		20	75 - 125
Magnesium								
Manganese	500	8360	(14)	*	260	*	20	75 - 125
Molybdenum	500	508	102		2		20	75 - 125
Nickel	500	530	106		2		20	75 - 125
Potassium								
Silver	100	103	103		0		20	75 - 125
Sodium								
Vanadium	500	488	98		3		20	75 - 125
Zinc	500	526	105		3		20	75 - 125

Spike Recovery: 1 out of 19 outside limits.
RPD: 1 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3088

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 46C80828

Sample No.: MW-10/AA80839 Level: (low/med) LOW

MW-10MS/AA80840 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	13.7	58.3	89		75 - 125
Lead (EPA 7421)	50.0	12.6	65.1	105		75 - 125
Selenium (EPA 7740)	50.0	0.00	36.4	73	*	75 - 125
Thallium (EPA 7841)	50.0	0.00	20.8	42	*	75 - 125

MW-10MSD/AA80841 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	60.2	93		4		20	75 -
Lead (EPA 7421)	50.0	66.2	107		2		20	75 - 125
Selenium (EPA 7740)	50.0	33.9	68	*	7		20	75 - 125
Thallium (EPA 7841)	50.0	22.6	45	*	8		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 4 out of 8 outside limits.

fwm3048

3 - 7470

294336

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 46C80828

Sample No.: MW-10/AA80839 Level: (low/med) LOW

MW-10MS/AA80840 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.00	0.858	86	75 - 125

MW-10MSD/AA80841 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% RPD #	RPD #	QC LIMITS REC.
Mercury	1.00	0.895	90	4	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0484

294337

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 46C80828

Sample No.: MW-10/AA80839 Level:(low/med)LOW

MW-10MS/AA80840 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	5000	5060	9720	93		68 - 124
Chlorobenzene	5000	0.00	4670	93		73 - 127
Chloroform	5000	0.00	5020	100		63 - 117
Dibromochloromethane	5000	0.00	4920	98		64 - 120
1,1-Dichloroethene	5000	0.00	4940	99		69 - 122
Ethylbenzene	5000	4170	9090	98		72 - 125
Tetrachloroethene	5000	0.00	4870	97		66 - 116
Toluene	5000	13400	18800	108		73 - 122
1,1,1-Trichloroethane	5000	0.00	4990	100		69 - 127
Trichloroethene	5000	0.00	5000	100		76 - 117

MW-10MSD/AA80841 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Benzene	5000	10700	113		19		40	68 - 124
Chlorobenzene	5000	4750	95		2		40	73 - 127
Chloroform	5000	4960	99		1		40	63 - 117
Dibromochloromethane	5000	4920	98		0		40	64 - 120
1,1-Dichloroethene	5000	5110	102		3		40	69 - 122
Ethylbenzene	5000	9870	114		15		40	72 - 125
Tetrachloroethene	5000	4910	98		1		40	66 - 116
Toluene	5000	20900	150	*	33		40	73 - 122
1,1,1-Trichloroethane	5000	5040	101		1		40	69 - 127
Trichloroethene	5000	5110	102		2		40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 10 outside limits. .

Spike Recovery: 1 out of 20 outside limits.

vmw929A

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 46C80828

Sample No.: MW-10/AA80839 Level:(low/med) LOW

MW-10MS/AA80840 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	111	0.00	53.8	48		47 - 136
Benzo(a)anthracene	111	0.00	48.9	44	*	48 - 139
Benzo(a)pyrene	111	0.00	43.2	39		17 - 156
bis(2-Chloroethoxy)methane	111	0.00	46.9	42		33 - 154
Butyl benzyl phthalate	111	4.12	47.0	39		36 - 152
4-Chloro-3-methylphenol	167	0.00	73.5	44		44 - 136
2-Chlorophenol	167	0.00	29.2	18	*	28 - 134
1,4-Dichlorobenzene	111	0.00	35.7	32		20 - 124
2,4-Dinitrotoluene	111	0.00	51.2	46		44 - 135
Hexachlorobenzene	111	0.00	37.5	34		34 - 152
Naphthalene	111	179	0.00	(161)	*	42 - 128
4-Nitrophenol	167	0.00	34.2	21		D - 132
N-Nitroso-di-n-propylamine	111	0.00	44.0	40		30 - 144
Pentachlorophenol	167	0.00	62.8	38		14 - 176
Phenol	167	0.00	47.4	28		19 - 112
Pyrene	111	0.00	53.5	48	*	52 - 115
1,2,4-Trichlorobenzene	111	0.00	43.4	39	*	44 - 124

MW-10MSD/AA80841 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	110	42.9	39	*	21		40	47 - 136
Benzo(a)anthracene	110	34.3	31	*	34		40	48 - 139
Benzo(a)pyrene	110	28.3	26		41	*	40	17 - 156
bis(2-Chloroethoxy)methane	110	36.3	33		24		40	33 - 154
Butyl benzyl phthalate	110	36.1	29	*	28		40	36 - 152
4-Chloro-3-methylphenol	165	57.6	35	*	23		40	44 - 136
2-Chlorophenol	165	35.5	22	*	21		40	28 - 134
1,4-Dichlorobenzene	110	26.9	24		27		40	20 - 124
2,4-Dinitrotoluene	110	35.2	32	*	36		40	44 - 135
Hexachlorobenzene	110	37.3	34		1		40	34 - 152
Naphthalene	110	276.0	88		685	*	40	42 - 128
4-Nitrophenol	165	69.6	42		69	*	40	D - 132
N-Nitroso-di-n-propylamine	110	33.2	30		27		40	30 - 144
Pentachlorophenol	165	32.4	20		63	*	40	14 - 176
Phenol	165	39.2	24		18		40	19 - 112
Pyrene	110	40.1	36	*	28		40	52 - 115
1,2,4-Trichlorobenzene	110	33.6	31	*	24		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 4 out of 17 outside limits.

Spike Recovery: 13 out of 34 outside limits.

smw7406

291339

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 51C80955

Matrix Spike - Lab ID No.: OT15C/AA80961 Level: (low/med) LOW

OT15CMS/AA80962 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	5310	6340	52	*	75 - 125
Antimony	500	0.00	463	93		75 - 125
Barium	2000	200.0	2240	102		75 - 125
Beryllium	50.0	0.00	49.0	98		75 - 125
Cadmium	50.0	0.00	50.0	100		75 - 125
Calcium						
Chromium	200	0.00	200	100		75 - 125
Cobalt	500	0.00	502	100		75 - 125
Copper	250	0.00	250	100		75 - 125
Iron	1000	4540	4790	25	*	75 - 125
Magnesium						
Manganese	500	444	910	93		75 - 125
Molybdenum	500	0.00	475	95		75 - 125
Nickel	500	0.00	495	99		75 - 125
Potassium						
Silver	100	0.00	100	100		75 - 125
Sodium						
Vanadium	500	0.00	497	99		75 - 125
Zinc	500	11.0	486	95		75 - 125

Spike Recovery: 2 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 51C80955

Matrix Spike - Lab ID No.: OT15C/AA80961 Level: (low/med) LOW

OT15CMSD/AA80963 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	6930	81		45	*	20	75 - 125
Antimony	500	506	101		9		20	75 - 125
Barium	2000	2320	106		4		20	75 - 125
Beryllium	50.0	51.0	102		4		20	75 - 125
Cadmium	50.0	53.0	106		6		20	75 - 125
Calcium								
Chromium	200	214	107		7		20	75 - 125
Cobalt	500	515	103		3		20	75 - 125
Copper	250	261	104		4		20	75 - 125
Iron	1000	5100	56	*	77	*	20	75 - 125
Magnesium								
Manganese	500	956	102		9		20	75 - 125
Molybdenum	500	492	98		4		20	75 - 125
Nickel	500	509	102		3		20	75 - 125
Potassium								
Silver	100	104	104		4		20	75 - 125
Sodium								
Vanadium	500	519	104		4		20	75 - 125
Zinc	500	502	98		3		20	75 - 125

Spike Recovery: 1 out of 19 outside limits.
RPD: 2 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3091A

294341

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 51C80956

Sample No.: OT15C/AA80961 Level: (low/med) LOW

OT15CMS/AA80962 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	0.00	40.6	81		75 - 125
Lead (EPA 7421)	50.0	0.00	53.0	106		75 - 125
Selenium (EPA 7740)	50.0	0.00	58.3	117		75 - 125
Thallium (EPA 7841)	50.0	0.00	37.2	74	*	75 - 125

OT15CMSD/AA80963 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	40.5	81		0		20	75 - 1.
Lead (EPA 7421)	50.0	44.7	89		17		20	75 - 125
Selenium (EPA 7740)	50.0	57.8	116		1		20	75 - 125
Thallium (EPA 7841)	50.0	36.9	74	*	1		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 2 out of 8 outside limits.

FWM3062A

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 51C80956

Sample No.: OT15C/AA80961 Level: (low/med) LOW

OT15CMS/AA80962 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.860	86		75 - 125

OT15CMSD/AA80963 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.870	87		1		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm484A

294343

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 51C80956

Sample No.: OT15C/AA80961 Level:(low/med)LOW

OT15CMS/AA80962 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.00	10.3	103	68 - 124
Chlorobenzene	10.0	0.00	10.2	102	73 - 127
Chloroform	10.0	0.00	11.4	114	63 - 117
Dibromochloromethane	10.0	0.00	8.1	81	64 - 120
1,1-Dichloroethene	10.0	0.00	11.1	111	69 - 122
Ethylbenzene	10.0	0.00	10.8	108	72 - 125
Tetrachloroethene	10.0	0.00	10.8	108	66 - 116
Toluene	10.0	0.00	10.0	100	73 - 122
1,1,1-Trichloroethane	10.0	0.00	11.6	116	69 - 127
Trichloroethene	10.0	0.00	10.0	100	76 - 117

OT15CMSD/AA80963 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	10.0	10.1	101	2	40	68 - 124
Chlorobenzene	10.0	10.1	101	1	40	73 - 127
Chloroform	10.0	11.6	116	2	40	63 - 117
Dibromochloromethane	10.0	6.6	66	19	40	64 - 120
1,1-Dichloroethene	10.0	11.7	117	5	40	69 - 122
Ethylbenzene	10.0	11.0	110	2	40	72 - 125
Tetrachloroethene	10.0	11.1	111	2	40	66 - 116
Toluene	10.0	9.2	92	9	40	73 - 122
1,1,1-Trichloroethane	10.0	12.6	126	9	40	69 - 127
Trichloroethene	10.0	9.9	99	1	40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 10 outside limits.
Spike Recovery: 0 out of 20 outside limits.
vmw0219

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 51C80956

Sample No.: OT15C/AA80961 Level:(low/med) LOW

OT15CMS/AA80962 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	118	0.00	78.4	67		47 - 136
Benzo(a)anthracene	118	0.00	97.6	83		48 - 139
Benzo(a)pyrene	118	0.00	84.9	72		17 - 156
bis(2-Chloroethoxy)methane	118	0.00	84.6	72		33 - 154
Butyl benzyl phthalate	118	1.33	93.7	79		36 - 152
4-Chloro-3-methylphenol	176	0.00	112	63		44 - 136
2-Chlorophenol	176	0.00	125	71		28 - 134
1,4-Dichlorobenzene	118	0.00	62.6	53		20 - 124
2,4-Dinitrotoluene	118	0.00	86.4	73		44 - 135
Hexachlorobenzene	118	0.00	90.1	77		34 - 152
Naphthalene	118	0.00	73.5	63		42 - 128
4-Nitrophenol	176	0.00	147	83		D - 132
N-Nitroso-di-n-propylamine	118	0.00	91.6	78		30 - 144
Pentachlorophenol	176	0.00	98.8	56		14 - 176
Phenol	176	0.00	100	57		19 - 112
Pyrene	118	0.00	90.5	77		52 - 115
1,2,4-Trichlorobenzene	118	0.00	68.8	59		44 - 124

OT15CMSD/AA80963 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	109	74.8	69	3		40	47 - 136
Benzo(a)anthracene	109	93.0	86	3		40	48 - 139
Benzo(a)pyrene	109	82.6	76	5		40	17 - 156
bis(2-Chloroethoxy)methane	109	80.3	74	3		40	33 - 154
Butyl benzyl phthalate	109	89.6	81	3		40	36 - 152
4-Chloro-3-methylphenol	163	107	66	3		40	44 - 136
2-Chlorophenol	163	115	71	0		40	28 - 134
1,4-Dichlorobenzene	109	53.2	49	8		40	20 - 124
2,4-Dinitrotoluene	109	84.9	78	6		40	44 - 135
Hexachlorobenzene	109	85.6	79	3		40	34 - 152
Naphthalene	109	68.8	63	1		40	42 - 128
4-Nitrophenol	163	146	90	7		40	D - 132
N-Nitroso-di-n-propylamine	109	84.9	78	0		40	30 - 144
Pentachlorophenol	163	99.2	61	8		40	14 - 176
Phenol	163	93.4	57	1		40	19 - 112
Pyrene	109	86.8	80	4		40	52 - 115
1,2,4-Trichlorobenzene	109	62.2	57	2		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 17 outside limits.
Spike Recovery: 0 out of 34 outside limits.
smw7421

PESTICIDES/PCB
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
Law Environmental, Inc.

294345

Column I.D.: DB - 5

Data File MS.: CNOVY61
MS Sample No.: AA80962
MS Pest Date Analyzed: 11/15/95
MS Pest Time Analyzed: 14:40
MS PCB Date Analyzed:
MS PCB Time Analyzed:
MS Pest C.F.: 1.11
MS PCB C.F.:

SF: PPMW7410
SDG: 51C80956
Data File MSD.: CNOVY62
MSD Sample No.: AA80963
MSD Pest Date Analyzed: 11/15/95
MSD Pest Time Analyzed: 15:33
MSD PCB Date Analyzed:
MSD PCB Time Analyzed:
MSD Pest C.F.: 1.05
MSD PCB C.F.:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.#	QC LIMITS REC.
gamma-BHC (Lindane)	0.444	0.000	0.464	105	55 -127
Heptachlor	0.444	0.000	0.458	103	43 -111
Aldrin	0.444	0.000	0.460	104	42 -122
Dieldrin	1.11	0.000	1.150	104	40 -146
Endrin	1.11	0.000	0.910	82	42 -147
DDT	1.11	0.000	1.090	98	59 -148
AR1016					50 -114
AR1260					8 -127
DBC	1.11		0.925	83	33 -186
TCMX	0.222		0.221	100	24 -151

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% RPD #	RPD	REC
gamma-BHC (Lindane)	0.421	0.433	103	2	40	55 -127
Heptachlor	0.421	0.433	103	0	40	43 -111
Aldrin	0.421	0.436	104	0	40	42 -122
Dieldrin	1.05	1.090	104	0	40	40 -146
Endrin	1.05	0.852	81	1	40	42 -147
DDT	1.05	1.000	95	3	40	59 -148
AR1016					40	50 -114
AR1260					40	8 -127
DBC	1.05	0.831	79			33 -186
TCMX	0.211	0.204	97			24 -151

\# Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

RPD: 0 out of 6 outside limits.
Spike Recovery: 0 out of 12 outside limits.

Comments: _____

3 - 6010

294346

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 50C80945

Matrix Spike - Lab ID No.: SD13-03/AA80950 Level: (low/med) LOW

SD13-03MS/AA80951 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000	1230	3230	100	75 - 125
Antimony	500	0.00	489	98	75 - 125
Barium	2000	287	2330	102	75 - 125
Beryllium	50.0	0.00	53.0	106	75 - 125
Cadmium	50.0	0.00	48.0	96	75 - 125
Calcium					
Chromium	200	0.00	193	97	75 - 125
Cobalt	500	0.00	513	103	75 - 125
Copper	250	0.00	251	100	75 - 125
Iron	1000	16000	16900	90	75 - 125
Magnesium					
Manganese	500	178	662	97	75 - 125
Molybdenum	500	0.00	497	99	75 - 125
Nickel	500	0.00	512	102	75 - 125
Potassium					
Silver	100	0.00	104	104	75 - 125
Sodium					
Vanadium	500	0.00	502	100	75 - 125
Zinc	500	10.0	508	100	75 - 125

Spike Recovery: 0 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

294347

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 50C80945

Matrix Spike - Lab ID No.: SD13-03/AA80950 Level: (low/med) LOW

SD13-03MSD/AA80952 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% RPD	#	# RPD	QC LIMITS REC.
Aluminum	2000	3360	107	6		20	75 - 125
Antimony	500	493	99	1		20	75 - 125
Barium	2000	2360	104	1		20	75 - 125
Beryllium	50.0	54.0	108	2		20	75 - 125
Cadmium	50.0	45.0	90	6		20	75 - 125
Calcium							
Chromium	200	210	105	8		20	75 - 125
Cobalt	500	512	102	0		20	75 - 125
Copper	250	258	103	3		20	75 - 125
Iron	1000	17200	120	29	*	20	75 - 125
Magnesium							
Manganese	500	670	98	2		20	75 - 1[illegible]
Molybdenum	500	502	100	1		20	75 - 1[illegible]
Nickel	500	521	104	2		20	75 - 125
Potassium							
Silver	100	102	102	2		20	75 - 125
Sodium							
Vanadium	500	503	101	0		20	75 - 125
Zinc	500	522	102	3		20	75 - 125

Spike Recovery: 1 out of 19 outside limits.
RPD: 0 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3107A

294348

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 50C80945

Sample No.: SD13-03/AA80950 Level: (low/med) LOW

SD13-03MS/AA80951 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	39.2	81.1	84	75 - 125
Lead (EPA 7421)	50.0	0.00	56.5	113	75 - 125
Selenium (EPA 7740)	50.0	0.00	49.8	100	75 - 125
Thallium (EPA 7841)	50.0	0.00	44.0	88	75 - 125

SD13-03MSD/AA80952 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	82.6	87		3	20	75 - 125
Lead (EPA 7421)	50.0	58.3	117		3	20	75 - 125
Selenium (EPA 7740)	50.0	48.9	98		2	20	75 - 125
Thallium (EPA 7841)	50.0	43.7	87		1	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 0 out of 8 outside limits.

FWM3108A

294349

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 50C80945

Sample No.: SD13-03/AA80950 Level: (low/med) LOW

SD13-03MS/AA80951 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.998	100		75 - 125

SD13-03MSD/AA80952 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.891	89		11		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0486

294350

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 50C80945

Sample No.: SD13-03/AA80950 Level:(low/med)LOW

SD13-03MS/AA80951 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	50.0	0.00	47.7	95	68 - 124
Chlorobenzene	50.0	0.00	50.4	101	73 - 127
Chloroform	50.0	0.00	48.5	97	63 - 117
Dibromochloromethane	50.0	0.00	48.0	96	64 - 120
1,1-Dichloroethene	50.0	0.00	44.8	90	69 - 122
Ethylbenzene	50.0	0.00	50.4	101	72 - 125
Tetrachloroethene	50.0	0.00	48.3	97	66 - 116
Toluene	50.0	0.00	50.0	100	73 - 122
1,1,1-Trichloroethane	50.0	0.00	45.8	92	69 - 127
Trichloroethene	50.0	0.00	51.0	102	76 - 117

SD13-03MSD/AA80952 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	50.0	50.9	102	7	40	68 - 124
Chlorobenzene	50.0	50.3	101	0	40	73 - 127
Chloroform	50.0	52.1	104	7	40	63 - 117
Dibromochloromethane	50.0	45.6	91	5	40	64 - 120
1,1-Dichloroethene	50.0	43.0	86	4	40	69 - 122
Ethylbenzene	50.0	50.4	101	0	40	72 - 125
Tetrachloroethene	50.0	47.4	95	2	40	66 - 116
Toluene	50.0	49.7	99	0	40	73 - 122
1,1,1-Trichloroethane	50.0	49.3	99	7	40	69 - 127
Trichloroethene	50.0	51.0	102	0	40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 10 outside limits.
Spike Recovery: 0 out of 20 outside limits.
vmw0754

294351

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 50C80945

Sample No.: SD13-03/AA80950 Level:(low/med) LOW

SD13-03MS/AA80951 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	100	0.00	75.4	75		47 - 136
Benzo(a)anthracene	100	0.00	82.7	83		48 - 139
Benzo(a)pyrene	100	0.00	73.2	73		17 - 156
bis(2-Chloroethoxy)methane	100	0.00	82.3	82		33 - 154
Butyl benzyl phthalate	100	4.72	85.9	81		36 - 152
4-Chloro-3-methylphenol	150	0.00	122	81		44 - 136
2-Chlorophenol	150	0.00	120	80		28 - 134
1,4-Dichlorobenzene	100	0.00	61.9	62		20 - 124
2,4-Dinitrotoluene	100	0.00	77.4	77		44 - 135
Hexachlorobenzene	100	0.00	82.5	83		34 - 152
Naphthalene	100	0.00	76.3	76		42 - 128
4-Nitrophenol	150	0.00	226	151	*	D - 132
N-Nitroso-di-n-propylamine	100	0.00	89.5	90		30 - 144
Pentachlorophenol	150	0.00	110	73		14 - 176
Phenol	150	0.00	112	75		19 - 112
Pyrene	100	0.00	80.7	81		52 - 115
1,2,4-Trichlorobenzene	100	0.00	68.8	69		44 - 124

SD13-03MSD/AA80952 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	100	75.6	76		0		40	47 - 136
Benzo(a)anthracene	100	82.0	82		1		40	48 - 139
Benzo(a)pyrene	100	73.3	73		0		40	17 - 156
bis(2-Chloroethoxy)methane	100	77.4	77		6		40	33 - 154
Butyl benzyl phthalate	100	86.3	82		0		40	36 - 152
4-Chloro-3-methylphenol	150	117	78		4		40	44 - 136
2-Chlorophenol	150	115	77		4		40	28 - 134
1,4-Dichlorobenzene	100	59.9	60		3		40	20 - 124
2,4-Dinitrotoluene	100	75.5	76		2		40	44 - 135
Hexachlorobenzene	100	82.7	83		0		40	34 - 152
Naphthalene	100	72.7	73		5		40	42 - 128
4-Nitrophenol	150	210	140	*	7		40	D - 132
N-Nitroso-di-n-propylamine	100	82.0	82		9		40	30 - 144
Pentachlorophenol	150	108	72		2		40	14 - 176
Phenol	150	107	71		5		40	19 - 112
Pyrene	100	81.6	82		1		40	52 - 115
1,2,4-Trichlorobenzene	100	65.6	66		5		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 17 outside limits.
Spike Recovery: 2 out of 34 outside limits.
smw7425

294352

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Matrix Spike - Lab ID No.: ST14-W09/AA80821 Level: (low/med) LOW

ST14-W09MS/AA80822 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC
Aluminum	2000	17900	23700	290	*	75 - 125
Antimony	500	0.00	423	85		75 - 125
Barium	2000	246	2210	98		75 - 125
Beryllium	50.0	0.00	50.0	100		75 - 125
Cadmium	50.0	0.00	48.0	96		75 - 125
Calcium						
Chromium	200	0.00	212	106		75 - 125
Cobalt	500	0.00	489	98		75 - 125
Copper	250	0.00	270	108		75 - 125
Iron	1000	21500	24500	300	*	75 - 125
Magnesium						
Manganese	500	610	1070	92		75 - 125
Molybdenum	500	0.00	501	100		75 - 125
Nickel	500	0.00	491	98		75 - 125
Potassium						
Silver	100	0.00	102	102		75 - 125
Sodium						
Vanadium	500	0.00	552	110		75 - 125
Zinc	500	49.0	524	95		75 - 125

Spike Recovery: 2 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

3 - 6010

294353

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Matrix Spike - Lab ID No.: ST14-W09/AA80821 Level: (low/med) LOW

ST14-W09MSD/AA80823 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% RPD	#	# RPD	QC LIMITS REC.
Aluminum	2000	20400	125	80	*	20	75 - 125
Antimony	500	413	83	2		20	75 - 125
Barium	2000	2180	97	2		20	75 - 125
Beryllium	50.0	49.0	98	2		20	75 - 125
Cadmium	50.0	42.0	84	13		20	75 - 125
Calcium							
Chromium	200	216	108	2		20	75 - 125
Cobalt	500	481	96	2		20	75 - 125
Copper	250	261	104	3		20	75 - 125
Iron	1000	22600	110	93	*	20	75 - 125
Magnesium							
Manganese	500	1060	90	2		20	75 - 1[illegible]
Molybdenum	500	490	98	2		20	75 - 1[illegible]
Nickel	500	475	95	3		20	75 - 125
Potassium							
Silver	100	102	102	0		20	75 - 125
Sodium							
Vanadium	500	537	107	3		20	75 - 125
Zinc	500	511	92	3		20	75 - 125

Spike Recovery: 0 out of 19 outside limits.
RPD: 2 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3090A

294354

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Sample No.: ST14-W09/AA80821 Level: (low/med) LOW

ST14-W09MS/AA80822 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	0.00	38.9	78		75 - 125
Lead (EPA 7421)	50.0	11.0	57.3	93		75 - 125
Selenium (EPA 7740)	50.0	0.00	35.2	70	*	75 - 125
Thallium (EPA 7841)	50.0	0.00	32.8	66	*	75 - 125

ST14-W09MSD/AA80823 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	39.2	78		1		20	75 - 125
Lead (EPA 7421)	50.0	57.3	93		0		20	75 - 125
Selenium (EPA 7740)	50.0	33.8	68	*	4		20	75 - 125
Thallium (EPA 7841)	50.0	33.4	67	*	2		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 4 out of 8 outside limits.

fwm3058A

294355

3 - 8260

VOLATILE 25 ML
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 45C80821

Sample No.: ST14-W09/AA80821 Level:(low/med)LOW

ST14-W09MS/AA80822 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.00	9.94	99		68 - 124
Chlorobenzene	10.0	0.00	10.0	100		73 - 127
Chloroform	10.0	0.00	11.0	110		63 - 117
Dibromochloromethane	10.0	0.00	8.30	83		64 - 120
1,1-Dichloroethene	10.0	0.00	11.6	116		69 - 122
Ethylbenzene	10.0	0.00	10.2	102		72 - 125
Tetrachloroethene	10.0	0.00	10.1	101		66 - 116
Toluene	10.0	0.00	9.69	97		73 - 122
1,1,1-Trichloroethane	10.0	0.00	11.6	116		69 - 127
Trichloroethene	10.0	6.56	10.5	39	*	76 - 117

PD36SW-1MSD/AA73157 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.0	10.0	100	1		40	68 - 124
Chlorobenzene	10.0	10.1	101	1		40	73 - 127
Chloroform	10.0	11.2	112	2		40	63 - 117
Dibromochloromethane	10.0	8.12	81	2		40	64 - 120
1,1-Dichloroethene	10.0	12.0	120	4		40	69 - 122
Ethylbenzene	10.0	10.5	105	3		40	72 - 125
Tetrachloroethene	10.0	10.2	102	2		40	66 - 116
Toluene	10.0	9.90	99	2		40	73 - 122
1,1,1-Trichloroethane	10.0	12.0	120	3		40	69 - 127
Trichloroethene	10.0	10.7	42	5	*	40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 10 outside limits.

Spike Recovery: 2 out of 20 outside limits.

vmw0216

294356

3 - 8270

SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 45C80821

Sample No.: ST14-W09/AA80821 Level:(low/med) LOW

ST14-W09MS/AA80822 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	111	0.00	71.1	64		47 - 136
Benzo(a)anthracene	111	0.00	78.2	70		48 - 139
Benzo(a)pyrene	111	0.00	67.5	61		17 - 156
bis(2-Chloroethoxy)methane	111	0.00	72.3	65		33 - 154
Butyl benzyl phthalate	111	12.6	82.0	62		36 - 152
4-Chloro-3-methylphenol	167	0.00	122	73		44 - 136
2-Chlorophenol	167	0.00	104	62		28 - 134
1,4-Dichlorobenzene	111	0.00	53.4	48		20 - 124
2,4-Dinitrotoluene	111	0.00	76.8	69		44 - 135
Hexachlorobenzene	111	0.00	77.0	69		34 - 152
Naphthalene	111	0.00	53.6	48		42 - 128
4-Nitrophenol	167	0.00	107	64		D - 132
N-Nitroso-di-n-propylamine	111	0.00	75.1	68		30 - 144
Pentachlorophenol	167	0.00	88.6	53		14 - 176
Phenol	167	0.00	89.5	54		19 - 112
Pyrene	111	0.00	115	104		52 - 115
1,2,4-Trichlorobenzene	111	0.00	59.0	53		44 - 124

ST14-W09MSD/AA80823 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	106	66.4	62	3		40	47 - 136
Benzo(a)anthracene	106	72.8	68	3		40	48 - 139
Benzo(a)pyrene	106	62.8	59	3		40	17 - 156
bis(2-Chloroethoxy)methane	106	67.0	63	3		40	33 - 154
Butyl benzyl phthalate	106	84.9	68	8		40	36 - 152
4-Chloro-3-methylphenol	160	110	69	6		40	44 - 136
2-Chlorophenol	160	97.3	61	2		40	28 - 134
1,4-Dichlorobenzene	106	51.7	49	1		40	20 - 124
2,4-Dinitrotoluene	106	70.6	66	4		40	44 - 135
Hexachlorobenzene	106	70.6	66	4		40	34 - 152
Naphthalene	106	52.1	49	1		40	42 - 128
4-Nitrophenol	160	88.5	55	15		40	D - 132
N-Nitroso-di-n-propylamine	106	71.4	67	1		40	30 - 144
Pentachlorophenol	160	72.1	45	16		40	14 - 176
Phenol	160	82.4	52	4		40	19 - 112
Pyrene	106	107	101	3		40	52 - 115
1,2,4-Trichlorobenzene	106	56.5	53	0		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

RPD: 0 out of 17 outside limits.

Spike Recovery: 0 out of 34 outside limits.

smw7414

294357

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 47C80842

Matrix Spike - Lab ID No.: ST14-W19/AA80844 Level: (low/med) LOW

ST14-W19MS/AA80845 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	10700	12300	80		75 - 125
Antimony	500	0.00	458	92		75 - 125
Barium	2000	213	2140	96		75 - 125
Beryllium	50.0	0.00	51.0	102		75 - 125
Cadmium	50.0	0.00	46.0	92		75 - 125
Calcium						
Chromium	200	0.00	216	108		75 - 125
Cobalt	500	0.00	502	100		75 - 125
Copper	250	0.00	280	112		75 - 125
Iron	1000	24000	24300	30	*	75 - 125
Magnesium						
Manganese	500	289	761	94		75 - 125
Molybdenum	500	0.00	511	102		75 - 125
Nickel	500	0.00	499	100		75 - 125
Potassium						
Silver	100	0.00	100	100		75 - 125
Sodium						
Vanadium	500	50.0	550	100		75 - 125
Zinc	500	94.0	570	95		75 - 125

Spike Recovery: 1 out of 19 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

3 - 6010

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 47C80842

Matrix Spike - Lab ID No.: ST14-W19/AA80844 Level: (low/med) LOW

ST14-W19MSD/AA80846 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	12300	80		0		20	75 - 125
Antimony	500	478	96		4		20	75 - 125
Barium	2000	2120	95		1		20	75 - 125
Beryllium	50.0	50.0	100		2		20	75 - 125
Cadmium	50.0	46.0	92		0		20	75 - 125
Calcium								
Chromium	200	223	112		3		20	75 - 125
Cobalt	500	502	100		0		20	75 - 125
Copper	250	283	113		1		20	75 - 125
Iron	1000	24400	40	*	29	*	20	75 - 125
Magnesium								
Manganese	500	752	93		2		20	75 - 125
Molybdenum	500	496	99		3		20	75 - 125
Nickel	500	482	96		3		20	75 - 125
Potassium								
Silver	100	101	101		1		20	75 - 125
Sodium								
Vanadium	500	549	100		0		20	75 - 125
Zinc	500	570	95		0		20	75 - 125

Spike Recovery: 1 out of 19 outside limits.
RPD: 1 out of 19 outside limits.

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

iwm3089

294359

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 47C80842

Sample No.: ST14-W19/AA80844 Level: (low/med) LOW

ST14-W19MS/AA80845 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	24.0	60.2	72	*	75 - 125
Lead (EPA 7421)	50.0	42.3	92.8	101		75 - 125
Selenium (EPA 7740)	50.0	0.00	33.4	67	*	75 - 125
Thallium (EPA 7841)	50.0	0.00	43.8	88		75 - 125

ST14-W19MSD/AA80846 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	60.3	73	*	0		20	75 - 125
Lead (EPA 7421)	50.0	92.5	100		0		20	75 - 125
Selenium (EPA 7740)	50.0	32.3	65	*	3		20	75 - 125
Thallium (EPA 7841)	50.0	44.4	89		1		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 4 outside limits.
Spike Recovery: 4 out of 8 outside limits.

fwm3053

294260

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 47C80842

Sample No.: ST14-W19/AA80844 Level: (low/med) LOW

ST14-W19MS/AA80845 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	1.00	100		75 - 125

ST14-W19MSD/AA80846 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	1.06	106		6		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 0 out of 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0479

3 - 8260

VOLATILE 25 ML
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG NO.: 47C80842

Sample No.: ST14-W19/AA80844 Level:(low/med)LOW

ST14-W19MS/AA80845 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	75.3	132	284	*	68 - 124
Chlorobenzene	20.0	0.00	20.9	105		73 - 127
Chloroform	20.0	0.00	22.4	112		63 - 117
Dibromochloromethane	20.0	0.00	18.6	93		64 - 120
1,1-Dichloroethene	20.0	0.00	21.6	108		69 - 122
Ethylbenzene	20.0	23.1	62.2	195	*	72 - 125
Tetrachloroethene	20.0	0.00	21.2	106		66 - 116
Toluene	20.0	0.00	20.1	101		73 - 122
1,1,1-Trichloroethane	20.0	0.00	22.1	111		69 - 127
Trichloroethene	20.0	0.00	20.3	102		76 - 117

ST14-W19MSD/AA8084 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Benzene	20.0	126	255	*	11		40	68 - 124
Chlorobenzene	20.0	21.0	105		0		40	73 - 127
Chloroform	20.0	22.4	112		0		40	63 - 117
Dibromochloromethane	20.0	18.8	94		1		40	64 - 120
1,1-Dichloroethene	20.0	20.9	105		3		40	69 - 122
Ethylbenzene	20.0	61.8	193	*	1		40	72 - 125
Tetrachloroethene	20.0	21.4	107		1		40	66 - 116
Toluene	20.0	20.6	103		3		40	73 - 122
1,1,1-Trichloroethane	20.0	21.4	107		4		40	69 - 127
Trichloroethene	20.0	20.4	102		0		40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 0 out of 10 outside limits.
Spike Recovery: 2 out of 20 outside limits.
vmw217

294262

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-32

Lab Code: LENL-P Case No.: 11517 SDG No.: 47C80842

Sample No.: ST14-W19/AA80844 Level:(low/med) LOW

ST14-W19MS/AA80845 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	115	0.00	82.1	71		47 - 136
Benzo(a)anthracene	115	0.00	96.2	84		48 - 139
Benzo(a)pyrene	115	0.00	100	87		17 - 156
bis(2-Chloroethoxy)methane	115	0.00	84.0	73		33 - 154
Butyl benzyl phthalate	115	22.0	88.9	58		36 - 152
4-Chloro-3-methylphenol	172	0.00	131	76		44 - 136
2-Chlorophenol	172	0.00	128	74		28 - 134
1,4-Dichlorobenzene	115	0.00	59.4	52		20 - 124
2,4-Dinitrotoluene	115	0.00	87.0	76		44 - 135
Hexachlorobenzene	115	0.00	79.6	69		34 - 152
Naphthalene	115	54.3	42.2	(11)	*	42 - 128
4-Nitrophenol	172	0.00	171	99		D - 132
N-Nitroso-di-n-propylamine	115	0.00	104	91		30 - 144
Pentachlorophenol	172	0.00	212	123		14 - 176
Phenol	172	0.00	127	74		19 - 112
Pyrene	115	0.00	110	96		52 - 115
1,2,4-Trichlorobenzene	115	0.00	72.7	63		44 - 124

ST14-W19MSD/AA80846 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	104	78.6	74		3		40	47 - 136
Benzo(a)anthracene	104	88.0	84		1		40	48 - 139
Benzo(a)pyrene	104	92.5	89		2		40	17 - 156
bis(2-Chloroethoxy)methane	104	77.3	74		1		40	33 - 154
Butyl benzyl phthalate	104	104	79		30		40	36 - 152
4-Chloro-3-methylphenol	156	117	75		2		40	44 - 136
2-Chlorophenol	156	119	76		2		40	28 - 134
1,4-Dichlorobenzene	104	59.1	57		9		40	20 - 124
2,4-Dinitrotoluene	104	78.2	75		1		40	44 - 135
Hexachlorobenzene	104	73.1	70		1		40	34 - 152
Naphthalene	104	49.0	(5)	*	70	*	40	42 - 128
4-Nitrophenol	156	155	99		0		40	D - 132
N-Nitroso-di-n-propylamine	104	108	104		14		40	30 - 144
Pentachlorophenol	156	189	121		2		40	14 - 176
Phenol	156	112	72		3		40	19 - 112
Pyrene	104	98.1	94		2		40	52 - 115
1,2,4-Trichlorobenzene	104	76.8	74		15		40	44 - 124

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 1 out of 17 outside limits.
Spike Recovery: 2 out of 34 outside limits.
smw7407

294303

APPENDIX G-2

FOURTH QUARTER MS/MSD RESULTS

Sample Identification

FT09-12B MS	OT15C MS
FT09-12B MSD	OT15C MSD
GMI22-08M MS	SD13-03 MS
GMI22-08M MSD	SD13-03 MSD
LF04-4E MS	ST14-W08 MS
LF04-4E MSD	ST14-W08 MSD
MW-10 MS	ST14-W09 MS
MW-10 MSD	ST14-W09 MSD

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

MSD : SW6010 | MS Sample Name : FT09-12BMS | MSD Sample Name : FT09-12BMSD
initial | MS LIMS ID : AA85284 | MSD LIMS ID : AA85285
Extraction : SW3005 | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85283 | MS Analysis : 11:12 | MSD Analysis : 11:16

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	0	2,000	2,010	101		2,000	1,940	97		4		75	125	20	PR
Antimony	0	500	487	97		500	491	98		1		75	125	20	PR
Barium	128	2,000	2,140	101		2,000	2,120	100		1		75	125	20	PR
Beryllium	0	50	50	100		50	49	98		2		75	125	20	PR
Cadmium	0	50	44	88		50	46	92		4		75	125	20	PR
Chromium	0	200	202	101		200	197	99		3		75	125	20	PR
Cobalt	0	500	494	99		500	493	99		0		75	125	20	PR
Copper	0	250	259	104		250	260	104		0		75	125	20	PR
Iron	1,130	1,000	2,160	103		1,000	2,140	101		2		75	125	20	PR
Manganese	588	500	1,080	98		500	1,070	96		2		75	125	20	PR
Molybdenum	0	500	476	95		500	471	94		1		75	125	20	PR
Nickel	0	500	492	98		500	499	100		1		75	125	20	PR
Silver	0	100	101	101		100	102	102		1		75	125	20	PR
Vanadium	0	500	495	99		500	491	98		1		75	125	20	PR
Zinc	0	500	489	98		500	487	97		0		75	125	20	PR

MSD : SW6010 | MS Sample Name : MW-10MS | MSD Sample Name : MW-10MSD
initial | MS LIMS ID : AA85296 | MSD LIMS ID : AA85297
Extraction : SW3005 | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85295 | MS Analysis : 15:40 | MSD Analysis : 15:44

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	539	2,000	2,560	101		2,000	2,530	100		1		75	125	20	PR
Antimony	0	500	496	99		500	490	98		1		75	125	20	PR
Barium	234	2,000	2,270	102		2,000	2,270	102		0		75	125	20	PR
Beryllium	0	50	52	104		50	52	104		0		75	125	20	PR
Cadmium	0	50	44	88		50	45	90		2		75	125	20	PR
Chromium	0	200	213	107		200	213	107		0		75	125	20	PR
Cobalt	0	500	521	104		500	517	103		1		75	125	20	PR
Copper	0	250	265	106		250	258	103		3		75	125	20	PR
Iron	2,940	1,000	4,000	106		1,000	3,980	104		2		75	125	20	PR
Manganese	6,550	500	7,160	122		500	7,130	116		5		75	125	20	PR
Molybdenum	0	500	514	103		500	513	103		0		75	125	20	PR
Nickel	0	500	520	104		500	520	104		0		75	125	20	PR
Silver	0	100	104	104		100	103	103		1		75	125	20	PR
Vanadium	0	500	504	101		500	507	101		0		75	125	20	PR
Zinc	0	500	501	100		500	496	99		1		75	125	20	PR

294295

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

Law Batch ID : AS_SEWB0183

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 66C85283

Concentration Level : LOW
Batch Prep Date : 1/23/96
SDGs Included : 66C85283

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
AS_SEWB0183	AA84709	1/23/96	WQ	LB
AS_SEWL0183	AA84710	1/23/96	WQ	BS
FT09-12B	AA85283	1/14/96	WG	N
FT09-12BMS	AA85284	1/14/96	WG	MS
FT09-12BMSD	AA85285	1/14/96	WG	SD
LSA1628-2	AA85286	1/15/96	WG	N
WP07-10C	AA85287	1/15/96	WG	N
LF05-5C	AA85288	1/15/96	WG	N
WP07-10B	AA85289	1/15/96	WG	N
FDUP-1	AA85290	1/15/96	WG	FD
LF04-4D	AA85291	1/15/96	WG	N
LF05-5G	AA85292	1/15/96	WG	N
GMI22-06M	AA85293	1/15/96	WG	N
MW-5	AA85294	1/15/96	WG	N
MW-10	AA85295	1/15/96	WG	N
MW-10MS	AA85296	1/15/96	WG	MS
MW-10MSD	AA85297	1/15/96	WG	SD
SD13-01	AA85298	1/15/96	WG	N
BSSB	AA85299	1/15/96	WG	N
EB-1	AA85300	1/15/96	WQ	EB
IDW	AA85302	1/15/96	WG	N

MSD : SW7060
initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85283

MS Sample Name : FT09-12BMS
MS LIMS ID : AA85284
MS Extraction : 1/23/96
MS Extraction : 09:00
MS Analysis : 1/26/96
MS Analysis : 21:58

MSD Sample Name : FT09-12BMSD
MSD LIMS ID : AA85285
MSD Extraction : 1/23/96
MSD Extraction : 09:00
MSD Analysis : 1/26/96
MSD Analysis : 22:03

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	0	50	46.7	93		50	46.6	93		0		75	125	20	PR

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MSD : SW7740 | MS Sample Name : FT09-12BMS | MSD Sample Name : FT09-12BMSD
initial | MS LIMS ID : AA85284 | MSD LIMS ID : AA85285
Extraction : METHOD | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85283 | MS Analysis : 16:55 | MSD Analysis : 17:00

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	39	78		50	38.6	77		1		75	125	20	PR

MSD : SW7060 | MS Sample Name : MW-10MS | MSD Sample Name : MW-10MSD
initial | MS LIMS ID : AA85296 | MSD LIMS ID : AA85297
Extraction : METHOD | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/27/96 | MSD Analysis : 1/27/96
Neat Sample : AA85295 | MS Analysis : 00:20 | MSD Analysis : 00:25

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	17.7	50	61.3	87		50	61.4	87		0		75	125	20	PR

MSD : SW7740 | MS Sample Name : MW-10MS | MSD Sample Name : MW-10MSD
initial | MS LIMS ID : AA85296 | MSD LIMS ID : AA85297
Extraction : METHOD | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85295 | MS Analysis : 19:22 | MSD Analysis : 19:27

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	31.5	63	*	50	30.2	60	*	4		75	125	20	PR

LCS : SW7060 | Sample Name : AS_SEWL0183
initial | LIMS Sample ID : AA84710
Extraction Method : METHOD | Date of Extraction : 1/23/96
Matrix : WQ | Time of Extraction : 09:00
Units : ug/L | Date of Analysis : 1/26/96
Time of Analysis : 21:19

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7060 Arsenic Water ug/L	50	44.8	90		80	120	PR

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Law Batch ID : HGWB0521

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 66C85283

Concentration Level : LOW
Batch Prep Date : 1/18/96
SDGs Included : 66C85283

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0521	AA83070	1/18/96	WQ	LB
HGWL0521	AA83071	1/18/96	WQ	BS
FT09-12B	AA85283	1/14/96	WG	N
FT09-12BMS	AA85284	1/14/96	WG	MS
FT09-12BMSD	AA85285	1/14/96	WG	SD
LSA1628-2	AA85286	1/15/96	WG	N
WP07-10C	AA85287	1/15/96	WG	N
LF05-5C	AA85288	1/15/96	WG	N
WP07-10B	AA85289	1/15/96	WG	N
FDUP-1	AA85290	1/15/96	WG	FD
LF04-4D	AA85291	1/15/96	WG	N
LF05-5G	AA85292	1/15/96	WG	N
GMI22-06M	AA85293	1/15/96	WG	N
MW-5	AA85294	1/15/96	WG	N
MW-10	AA85295	1/15/96	WG	N
MW-10MS	AA85296	1/15/96	WG	MS
MW-10MSD	AA85297	1/15/96	WG	SD
SD13-01	AA85298	1/15/96	WG	N
BSSB	AA85299	1/15/96	WG	N
EB-1	AA85300	1/15/96	WQ	EB
IDW	AA85302	1/15/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85283

MS Sample Name : FT09-12BMS
MS LIMS ID : AA85284
MS Extraction :
MS Extraction :
MS Analysis : 1/18/96
MS Analysis : 15:52

MSD Sample Name : FT09-12BMSD
MSD LIMS ID : AA85285
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/18/96
MSD Analysis : 15:54

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	1	100		1	1	100		0		75	125	20	PR

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Law Batch ID : V25WB0226

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 66C85283

Concentration Level : LOW
Batch Prep Date : 1/22/96
SDGs Included : 63C85205

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
V25WB0226	AA84731	1/22/96	WQ	LB
V25WL0226	AA84732	1/22/96	WQ	BS
FT09-12B	AA85283	1/14/96	WG	N
FT09-12BMS	AA85284	1/14/96	WG	MS
FT09-12BMSD	AA85285	1/14/96	WG	SD

MSD : SW8260
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85283

MS Sample Name : FT09-12BMS
MS LIMS ID : AA85284
MS Extraction : 1/22/96
MS Extraction : 09:14
MS Analysis : 1/22/96
MS Analysis : 09:14

MSD Sample Name : FT09-12BMSD
MSD LIMS ID : AA85285
MSD Extraction : 1/22/96
MSD Extraction : 09:43
MSD Analysis : 1/22/96
MSD Analysis : 09:43

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	10.6	106		10	11	110		4		69	127	40	PR
1,1-Dichloroethene	0	10	9.8	98		10	11.4	114		15		69	122	40	PR
Benzene	0.351	10	9.81	95		10	9.68	93		1		68	124	40	PR
Chlorobenzene	0	10	9.77	98		10	9.61	96		2		73	127	40	PR
Chloroform	0	10	10.2	102		10	10.5	105		3		63	117	40	PR
Dibromochloromethane	0	10	7.21	72		10	7.74	77		7		64	120	40	PR
Ethylbenzene	0	10	9.86	99		10	10.1	101		2		72	125	40	PR
Tetrachloroethene	13.7	10	22.4	87		10	23.3	96		10		66	116	40	PR
Toluene	0	10	9.74	97		10	9.8	98		1		73	122	40	PR
Trichloroethene	37.2	10	48.1	109		10	48.3	111		2		76	117	40	PR

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MSD : SW8270	MS Sample Name : FT09-12BMS	MSD Sample Name : FT09-12BMSD
initial	MS LIMS ID : AA85284	MSD LIMS ID : AA85285
Extraction : SW3520	MS Extraction : 1/18/96	MSD Extraction : 1/18/96
Matrix : WG	MS Extraction : 11:45	MSD Extraction : 11:45
Units : ug/L	MS Analysis : 1/24/96	MSD Analysis : 1/24/96
Neat Sample : AA85283	MS Analysis : 16:53	MSD Analysis : 17:46

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	103	57.2	56		103	58.3	57		2		44	124	40	PR
1,4-Dichlorobenzene	0	103	51	50		103	53.2	52		4		20	124	40	PR
2,4-Dinitrotoluene	0	103	81.5	79		103	78.3	76		4		44	135	40	PR
2-Chlorophenol	0	155	114	74		155	114	74		0		28	134	40	PR
4-Chloro-3-methylphenol	0	155	114	74		155	107	69		6		44	136	40	PR
4-Nitrophenol	0	155	298	193	*	155	294	190	*	2		0	132	40	PR
Acenaphthene	0	103	81.6	79		103	78.1	76		4		47	136	40	PR
Benz(a)anthracene	0	103	92.2	89		103	84.6	82		9		48	139	40	PR
Benzo(a)pyrene	0	103	100	97		103	92.8	90		7		17	156	40	PR
Butyl benzyl phthalate	41.7	103	124	80		103	115	71		12		36	152	40	PR
Hexachlorobenzene	0	103	95.1	92		103	90	87		5		34	152	40	PR
Naphthalene	0	103	71	69		103	68.7	67		3		42	128	40	PR
Pentachlorophenol	0	155	121	78		155	111	72		9		14	176	40	PR
Phenol	0	155	95	61		155	93.6	61		1		19	112	40	PR
Pyrene	0	103	92.7	90		103	88.5	86		5		52	115	40	PR
bis(2-Chloroethoxy)methane	0	103	73.1	71		103	70	68		4		33	154	40	PR
n-Nitrosodinpropylamine	0	103	93.4	91		103	88.7	86		5		30	144	40	PR

MSD : SW8270	MS Sample Name : MW-10MS	MSD Sample Name : MW-10MSD
initial	MS LIMS ID : AA85296	MSD LIMS ID : AA85297
Extraction : SW3520	MS Extraction : 1/18/96	MSD Extraction : 1/18/96
Matrix : WG	MS Extraction : 11:45	MSD Extraction : 11:45
Units : ug/L	MS Analysis : 1/25/96	MSD Analysis : 1/25/96
Neat Sample : AA85295	MS Analysis : 18:33	MSD Analysis : 19:26

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	101	55	54		104	65.9	63		15		44	124	40	PR
1,4-Dichlorobenzene	0	101	37.9	38		104	38.1	37		2		20	124	40	PR
2,4-Dinitrotoluene	0	101	0	0	*	104	0	0	*			44	135	40	PR
2-Chlorophenol	0	152	116	77		156	124	79		4		28	134	40	PR
4-Chloro-3-methylphenol	0	152	86.1	57		156	86.2	55		3		44	136	40	PR
4-Nitrophenol	0	152	0	0	*	156	0	0	*			0	132	40	PR
Acenaphthene	0	101	105	104		104	114	109		5		47	136	40	PR
Benz(a)anthracene	0	101	83.7	83		104	91.4	88		6		48	139	40	PR
Benzo(a)pyrene	0	101	82.1	81		104	84.4	81		0		17	156	40	PR
Butyl benzyl phthalate	29.4	101	0	-29	*	104	144	110		344	*	36	152	40	PR
Hexachlorobenzene	0	101	76.2	75		104	77.6	75		1		34	152	40	PR
Naphthalene	598	101	772	172	*	104	798	192	*	11		42	128	40	PR
Pentachlorophenol	0	152	9	6	*	156	0	0	*	200	*	14	176	40	PR
Phenol	0	152	97.2	64		156	108	69		7		19	112	40	PR
Pyrene	0	101	89.7	89		104	96.2	92		4		52	115	40	PR
bis(2-Chloroethoxy)methane	0	101	48.2	48		104	42.9	41		15		33	154	40	PR
n-Nitrosodinpropylamine	0	101	56.8	56		104	49.2	47		17		30	144	40	PR

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MSD : SW6010 | MS Sample Name : GMI22-08MMS | MSD Sample Name : GMI22-08MMSD
initial | MS LIMS ID : AA85133 | MSD LIMS ID : AA85134
Extraction : SW3005 | MS Extraction : 1/19/96 | MSD Extraction : 1/19/96
Matrix : WG | MS Extraction : 08:00 | MSD Extraction : 08:00
Units : ug/L | MS Analysis : 1/23/96 | MSD Analysis : 1/23/96
Neat Sample : AA85132 | MS Analysis : 17:35 | MSD Analysis : 17:39

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	5,610	2,000	7,260	83		2,000	8,020	121		38	*	75	125	20	PR
Antimony	0	500	433	87		500	444	89		3		75	125	20	PR
Barium	108	2,000	2,200	105		2,000	2,210	105		0		75	125	20	PR
Beryllium	0	50	51	102		50	51	102		0		75	125	20	PR
Cadmium	0	50	47	94		50	47	94		0		75	125	20	PR
Chromium	0	200	209	104		200	209	104		0		75	125	20	PR
Cobalt	0	500	521	104		500	523	105		1		75	125	20	PR
Copper	0	250	296	118		250	304	122		3		75	125	20	PR
Iron	12,900	1,000	13,500	60	*	1,000	14,100	120		67	*	75	125	20	PR
Manganese	1,010	500	1,510	100		500	1,510	100		0		75	125	20	PR
Molybdenum	0	500	495	99		500	498	100		1		75	125	20	PR
Nickel	0	500	543	109		500	553	111		2		75	125	20	PR
Silver	0	100	105	105		100	103	103		2		75	125	20	PR
Vanadium	0	500	540	108		500	545	109		1		75	125	20	PR
Zinc	20	500	526	101		500	528	102		1		75	125	20	PR

LCS : SW6010 | Sample Name : ICPWL0168
initial | LIMS Sample ID : AA83045
Extraction Method : SW3005 | Date of Extraction : 1/19/96
Matrix : WQ | Time of Extraction : 08:00
Units : ug/L | Date of Analysis : 1/23/96
Time of Analysis : 15:05

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
Aluminum	5,000	5,040	101		80	120	PR
Antimony	1,000	1,030	103		80	120	PR
Barium	5,000	5,180	104		80	120	PR
Beryllium	200	198	99		80	120	PR
Cadmium	200	207	104		80	120	PR
Calcium	12,500	12,600	101		80	120	PR
Chromium	200	200	100		80	120	PR
Cobalt	1,000	1,020	102		80	120	PR
Copper	1,000	1,050	105		80	120	PR
Iron	5,000	5,260	105		80	120	PR
Magnesium	12,500	12,700	102		80	120	PR
Manganese	1,000	1,000	100		80	120	PR
Molybdenum	200	204	102		80	120	PR
Nickel	1,000	1,050	105		80	120	PR
Potassium	12,500	12,300	98		80	120	PR
Silver	200	200	100		80	120	PR
Sodium	12,500	13,000	104		80	120	PR
Vanadium	1,000	1,030	103		80	120	PR
Zinc	1,000	1,000	100		80	120	PR

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MSD : SW7841 | MS Sample Name : SD13-03MS | MSD Sample Name : SD13-03MSD
initial | MS LIMS ID : AA85127 | MSD LIMS ID : AA85128
Extraction : SW3020 | MS Extraction : 1/17/96 | MSD Extraction : 1/17/96
Matrix : WG | MS Extraction : 08:00 | MSD Extraction : 08:00
Units : ug/L | MS Analysis : 1/17/96 | MSD Analysis : 1/17/96
Neat Sample : AA85126 | MS Analysis : 21:15 | MSD Analysis : 21:20

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	37	74	*	50	38.2	76		3		75	125	20	PR

MSD : SW7421 | MS Sample Name : GMI22-08MMS | MSD Sample Name : GMI22-08MMSD
initial | MS LIMS ID : AA85133 | MSD LIMS ID : AA85134
Extraction : SW3020 | MS Extraction : 1/17/96 | MSD Extraction : 1/17/96
Matrix : WG | MS Extraction : 08:00 | MSD Extraction : 08:00
Units : ug/L | MS Analysis : 1/18/96 | MSD Analysis : 1/18/96
Neat Sample : AA85132 | MS Analysis : 05:26 | MSD Analysis : 05:31

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7421 Lead Water ug/L	7.56	50	54.6	94		50	54.7	94		0		75	125	20	PR

MSD : SW7841 | MS Sample Name : GMI22-08MMS | MSD Sample Name : GMI22-08MMSD
initial | MS LIMS ID : AA85133 | MSD LIMS ID : AA85134
Extraction : SW3020 | MS Extraction : 1/17/96 | MSD Extraction : 1/17/96
Matrix : WG | MS Extraction : 08:00 | MSD Extraction : 08:00
Units : ug/L | MS Analysis : 1/17/96 | MSD Analysis : 1/17/96
Neat Sample : AA85132 | MS Analysis : 22:25 | MSD Analysis : 22:30

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	38.3	77		50	38.9	78		2		75	125	20	PR

LCS : SW7421 | Sample Name : PB_TLWL0154
initial | LIMS Sample ID : AA83051
Extraction Method : SW3020 | Date of Extraction : 1/17/96
Matrix : WQ | Time of Extraction : 08:00
Units : ug/L | Date of Analysis : 1/17/96
Time of Analysis : 23:57

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7421 Lead Water ug/L	50	51.7	103		80	120	PR

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MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85132

MS Sample Name : GMI22-08MMS
MS LIMS ID : AA85133
MS Extraction :
MS Extraction :
MS Analysis : 1/16/96
MS Analysis : 15:02

MSD Sample Name : GMI22-08MMSD
MSD LIMS ID : AA85134
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/16/96
MSD Analysis : 15:04

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	1.01	101		1	1.05	105		4		75	125	20	PR

LCS : SW7470
initial
Extraction Method : NONE
Matrix : WQ
Units : ug/L

Sample Name : HGWL0517
LIMS Sample ID : AA83039
Date of Extraction :
Time of Extraction :
Date of Analysis : 1/16/96
Time of Analysis : 14:48

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7470 Mercury Water ug/L	1	0.92	92		80	120	PR

MSD : SW8270 | MS Sample Name : SD13-03MS | MSD Sample Name : SD13-03MSD
initial | MS LIMS ID : AA85127 | MSD LIMS ID : AA85128
Extraction : SW3520 | MS Extraction : 1/15/96 | MSD Extraction : 1/15/96
Matrix : WG | MS Extraction : 15:00 | MSD Extraction : 15:00
Units : ug/L | MS Analysis : 1/19/96 | MSD Analysis : 1/19/96
Neat Sample : AA85126 | MS Analysis : 18:39 | MSD Analysis : 19:33

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	108	53.6	50		100	53.8	54		8		44	124	40	PR
1,4-Dichlorobenzene	0	108	39.7	37		100	39.8	40		8		20	124	40	PR
2,4-Dinitrotoluene	0	108	57.9	54		100	56.6	57		5		44	135	40	PR
2-Chlorophenol	0	161	86.1	53		150	82.7	55		3		28	134	40	PR
4-Chloro-3-methylphenol	0	161	85	53		150	87	58		10		44	136	40	PR
4-Nitrophenol	0	161	133	83		150	134	89		8		0	132	40	PR
Acenaphthene	0	108	52.6	49		100	50.1	50		2		47	136	40	PR
Benz(a)anthracene	0	108	62.4	58		100	58.5	59		1		48	139	40	PR
Benzo(a)pyrene	0	108	99	92		100	92.1	92		0		17	156	40	PR
Butyl benzyl phthalate	15.3	108	65.5	47		100	59.6	44		5		36	152	40	PR
Hexachlorobenzene	0	108	58.6	55		100	56.9	57		4		34	152	40	PR
Naphthalene	1.73	108	54.5	49		100	53.7	52		6		42	128	40	PR
Pentachlorophenol	0	161	77.5	48		150	74.6	50		3		14	176	40	PR
Phenol	0	161	78.8	49		150	71.3	48		3		19	112	40	PR
Pyrene	0	108	59	55		100	54.5	55		1		52	115	40	PR
bis(2-Chloroethoxy)methane	0	108	62.5	58		100	64.5	65		10		33	154	40	PR
n-Nitrosodinpropylamine	0	108	86.3	80		100	66.9	67		18		30	144	40	PR

MSD : SW8270 | MS Sample Name : GMI22-08MMS | MSD Sample Name : GMI22-08MMSD
initial | MS LIMS ID : AA85133 | MSD LIMS ID : AA85134
Extraction : SW3520 | MS Extraction : 1/15/96 | MSD Extraction : 1/15/96
Matrix : WG | MS Extraction : 15:00 | MSD Extraction : 15:00
Units : ug/L | MS Analysis : 1/19/96 | MSD Analysis : 1/19/96
Neat Sample : AA85132 | MS Analysis : 20:26 | MSD Analysis : 21:19

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	109	32.9	30	*	104	43.3	42	*	31		44	124	40	PR
1,4-Dichlorobenzene	0	109	28	26		104	40.5	39		40	*	20	124	40	PR
2,4-Dinitrotoluene	0	109	41	38	*	104	52.8	51		29		44	135	40	PR
2-Chlorophenol	0	163	62.6	38		156	80.5	52		29		28	134	40	PR
4-Chloro-3-methylphenol	0	163	52.7	32	*	156	66.4	43	*	27		44	136	40	PR
4-Nitrophenol	0	163	63.8	39		156	80.8	52		28		0	132	40	PR
Acenaphthene	0	109	39.6	36	*	104	50.3	48		28		47	136	40	PR
Benz(a)anthracene	0	109	43.6	40	*	104	58.2	56		33		48	139	40	PR
Benzo(a)pyrene	0	109	69	64		104	93.7	90		35		17	156	40	PR
Butyl benzyl phthalate	2.36	109	45.3	40		104	59.8	55		33		36	152	40	PR
Hexachlorobenzene	0	109	46.1	42		104	58.4	56		28		34	152	40	PR
Naphthalene	0	109	37.8	35	*	104	48.1	46		28		42	128	40	PR
Pentachlorophenol	0	163	41.4	25		156	55	35		32		14	176	40	PR
Phenol	0	163	51.4	32		156	67.1	43		31		19	112	40	PR
Pyrene	0	109	42.3	39	*	104	55.1	53		31		52	115	40	PR
bis(2-Chloroethoxy)methane	0	109	42.6	39		104	53.8	52		27		33	154	40	PR
n-Nitrosodinpropylamine	0	109	50.3	46		104	64.5	62		29		30	144	40	PR

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MSD : SW8260	MS Sample Name : GMI22-08MMS	MSD Sample Name : GMI22-08MMSD
initial	MS LIMS ID : AA85133	MSD LIMS ID : AA85134
Extraction : SW5030	MS Extraction : 1/15/96	MSD Extraction : 1/15/96
Matrix : WG	MS Extraction : 08:41	MSD Extraction : 09:13
Units : ug/L	MS Analysis : 1/15/96	MSD Analysis : 1/15/96
Neat Sample : AA85132	MS Analysis : 08:41	MSD Analysis : 09:13

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	12.1	121		10	12.5	125		3		69	127	40	PR
1,1-Dichloroethene	0	10	11.9	119		10	11.8	118		1		69	122	40	PR
Benzene	0	10	9.65	97		10	9.53	95		1		68	124	40	PR
Chlorobenzene	0	10	9.55	96		10	9.62	96		1		73	127	40	PR
Chloroform	0	10	11.8	118	*	10	11.7	117		1		63	117	40	PR
Dibromochloromethane	0	10	7.22	72		10	7.14	71		1		64	120	40	PR
Ethylbenzene	0	10	10.2	102		10	10.3	103		1		72	125	40	PR
Tetrachloroethene	0	10	10.2	102		10	10.2	102		0		66	116	40	PR
Toluene	0	10	9.6	96		10	9.4	94		2		73	122	40	PR
Trichloroethene	0	10	9.68	97		10	9.61	96		1		76	117	40	PR

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294375

Law Batch ID : ICPWB0173

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 65C85271

Concentration Level : LOW
Batch Prep Date : 1/22/96
SDGs Included : 65C85271

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
ICPWB0173	AA83086	1/22/96	WQ	LB
ICPWL0173	AA83087	1/22/96	WQ	BS
T4A	AA85271	1/14/96	WG	N
LF05-5D	AA85272	1/14/96	WG	N
LF04-4F	AA85273	1/14/96	WG	N
GMI22-04M	AA85274	1/14/96	WG	N
GMI22-03M	AA85275	1/14/96	WG	N
LSA1628-3	AA85276	1/14/96	WG	N
FT08-11A	AA85277	1/14/96	WG	N
LF04-4E	AA85278	1/14/96	WG	N
LF04-4EMS	AA85279	1/14/96	WG	MS
LF04-4EMSD	AA85280	1/14/96	WG	SD
EB-2	AA85281	1/14/96	WQ	EB
FT08-11B	AA85282	1/14/96	WG	N

MSD : SW6010
initial
Extraction : SW3005
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction : 1/22/96
MS Extraction : 09:00
MS Analysis : 1/25/96
MS Analysis : 14:53

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction : 1/22/96
MSD Extraction : 09:00
MSD Analysis : 1/25/96
MSD Analysis : 14:57

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	1,030	2,000	3,060	102		2,000	2,900	94		9		75	125	20	PR
Antimony	0	500	521	104		500	513	103		1		75	125	20	PR
Barium	102	2,000	2,120	101		2,000	2,100	100		1		75	125	20	PR
Beryllium	0	50	52	104		50	51	102		2		75	125	20	PR
Cadmium	0	50	49	98		50	45	90		9		75	125	20	PR
Chromium	0	200	212	106		200	214	107		1		75	125	20	PR
Cobalt	0	500	535	107		500	533	107		0		75	125	20	PR
Copper	0	250	257	103		250	254	102		1		75	125	20	PR
Iron	2,300	1,000	3,420	112		1,000	3,230	93		19		75	125	20	PR
Manganese	479	500	994	103		500	983	101		2		75	125	20	PR
Molybdenum	0	500	522	104		500	529	106		2		75	125	20	PR
Nickel	0	500	532	106		500	530	106		0		75	125	20	PR
Silver	0	100	110	110		100	108	108		2		75	125	20	PR
Vanadium	0	500	528	106		500	520	104		2		75	125	20	PR
Zinc	0	500	512	102		500	507	101		1		75	125	20	PR

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Law Batch ID : AS_SEWB0174

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 65C85271

Concentration Level : LOW
Batch Prep Date : 1/22/96
SDGs Included : 65C85271

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
AS_SEWB0174	AA83088	1/22/96	WQ	LB
AS_SEWL0174	AA83089	1/22/96	WQ	BS
T4A	AA85271	1/14/96	WG	N
LF05-5D	AA85272	1/14/96	WG	N
LF04-4F	AA85273	1/14/96	WG	N
GMI22-04M	AA85274	1/14/96	WG	N
GMI22-03M	AA85275	1/14/96	WG	N
LSA1628-3	AA85276	1/14/96	WG	N
FT08-11A	AA85277	1/14/96	WG	N
LF04-4E	AA85278	1/14/96	WG	N
LF04-4EMS	AA85279	1/14/96	WG	MS
LF04-4EMSD	AA85280	1/14/96	WG	SD
EB-2	AA85281	1/14/96	WQ	EB
FT08-11B	AA85282	1/14/96	WG	N

MSD : SW7060
initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction : 1/22/96
MS Extraction : 09:00
MS Analysis : 1/26/96
MS Analysis : 00:29

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction : 1/22/96
MSD Extraction : 09:00
MSD Analysis : 1/26/96
MSD Analysis : 00:33

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	0	50	42.4	85		50	41.3	83		3		75	125	20	PR

MSD : SW7740
initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction : 1/22/96
MS Extraction : 09:00
MS Analysis : 1/25/96
MS Analysis : 19:28

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction : 1/22/96
MSD Extraction : 09:00
MSD Analysis : 1/25/96
MSD Analysis : 19:33

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	37.1	74	*	50	37.4	75	*	1		75	125	20	PR

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Law Batch ID : HGWB0520

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 65C85271

Concentration Level : LOW
Batch Prep Date : 1/18/96
SDGs Included : 65C85271

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0520	AA83068	1/18/96	WQ	LB
HGWL0520	AA83069	1/18/96	WQ	BS
T4A	AA85271	1/14/96	WG	N
LF05-5D	AA85272	1/14/96	WG	N
LF04-4F	AA85273	1/14/96	WG	N
GMI22-04M	AA85274	1/14/96	WG	N
GMI22-03M	AA85275	1/14/96	WG	N
LSA1628-3	AA85276	1/14/96	WG	N
FT08-11A	AA85277	1/14/96	WG	N
LF04-4E	AA85278	1/14/96	WG	N
LF04-4EMS	AA85279	1/14/96	WG	MS
LF04-4EMSD	AA85280	1/14/96	WG	SD
EB-2	AA85281	1/14/96	WQ	EB
FT08-11B	AA85282	1/14/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction :
MS Extraction :
MS Analysis : 1/18/96
MS Analysis : 14:42

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/18/96
MSD Analysis : 14:44

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	0.987	99		1	0.987	99		0		75	125	20	PR

LCS : SW7470
initial
Extraction Method : NONE
Matrix : WQ
Units : ug/L

Sample Name : HGWL0520
LIMS Sample ID : AA83069
Date of Extraction :
Time of Extraction :
Date of Analysis : 1/18/96
Time of Analysis : 14:38

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7470 Mercury Water ug/L	1	0.972	97		80	120	PR

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294278

Law Batch ID : VWB0777

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 65C85271

Concentration Level : LOW
Batch Prep Date : 1/25/96
SDGs Included : 63C85205 65C85271 66C85283

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
VWB0777	AA84729	1/25/96	WQ	LB
VWL0777	AA84730	1/25/96	WQ	BS
LF05-5D	AA85272	1/14/96	WG	N
LF04-4F	AA85273	1/14/96	WG	N
GMI22-04M	AA85274	1/14/96	WG	N
LF04-4E	AA85278	1/14/96	WG	N
LF04-4EMS	AA85279	1/14/96	WG	MS
LF04-4EMSD	AA85280	1/14/96	WG	SD

MSD : SW8240
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction : 1/25/96
MS Extraction : 09:02
MS Analysis : 1/25/96
MS Analysis : 09:02

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction : 1/25/96
MSD Extraction : 09:30
MSD Analysis : 1/25/96
MSD Analysis : 09:30

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	500	496	99		500	473	95		5		69	127	40	PR
1,1-Dichloroethene	0	500	454	91		500	468	94		3		69	122	40	PR
Benzene	0	500	504	101		500	470	94		7		68	124	40	PR
Chlorobenzene	0	500	484	97		500	456	91		6		73	127	40	PR
Chloroform	0	500	497	99		500	481	96		3		63	117	40	PR
Dibromochloromethane	0	500	457	91		500	459	92		0		64	120	40	PR
Ethylbenzene	0	500	458	92		500	444	89		3		72	125	40	PR
Tetrachloroethene	0	500	477	95		500	474	95		1		66	116	40	PR
Toluene	0	500	485	97		500	481	96		1		73	122	40	PR
Trichloroethene	1,530	500	2,100	114		500	2,080	110		4		76	117	40	PR

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Law Batch ID : SWB7787

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 65C85271

Concentration Level : LOW
Batch Prep Date : 1/18/96
SDGs Included : 65C85271

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
SWB7787	AA83092	1/18/96	WQ	LB
SWL7787	AA83093	1/18/96	WQ	BS
T4A	AA85271	1/14/96	WG	N
LF05-5D	AA85272	1/14/96	WG	N
LF04-4F	AA85273	1/14/96	WG	N
GMI22-04M	AA85274	1/14/96	WG	N
GMI22-03M	AA85275	1/14/96	WG	N
LSA1628-3	AA85276	1/14/96	WG	N
FT08-11A	AA85277	1/14/96	WG	N
LF04-4E	AA85278	1/14/96	WG	N
LF04-4EMS	AA85279	1/14/96	WG	MS
LF04-4EMSD	AA85280	1/14/96	WG	SD
EB-2	AA85281	1/14/96	WQ	EB
FT08-11B	AA85282	1/14/96	WG	N

MSD : SW8270
initial
Extraction : SW3520
Matrix : WG
Units : ug/L
Neat Sample : AA85278

MS Sample Name : LF04-4EMS
MS LIMS ID : AA85279
MS Extraction : 1/18/96
MS Extraction : 11:45
MS Analysis : 1/22/96
MS Analysis : 15:53

MSD Sample Name : LF04-4EMSD
MSD LIMS ID : AA85280
MSD Extraction : 1/18/96
MSD Extraction : 11:45
MSD Analysis : 1/22/96
MSD Analysis : 16:46

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	100	53.5	54		102	60.2	59		10		44	124	40	PR
1,4-Dichlorobenzene	0	100	48.5	49		102	51.3	50		4		20	124	40	PR
2,4-Dinitrotoluene	0	100	65.1	65		102	78.8	77		17		44	135	40	PR
2-Chlorophenol	0	150	95.6	64		153	112	73		14		28	134	40	PR
4-Chloro-3-methylphenol	0	150	86.1	57		153	106	69		19		44	136	40	PR
4-Nitrophenol	0	150	103	69		153	140	92		28		0	132	40	PR
Acenaphthene	0	100	65	65		102	77.7	76		16		47	136	40	PR
Benz(a)anthracene	0	100	70	70		102	87	85		20		48	139	40	PR
Benzo(a)pyrene	0	100	74.1	74		102	88.5	87		16		17	156	40	PR
Butyl benzyl phthalate	12.7	100	65	52		102	85.2	71		30		36	152	40	PR
Hexachlorobenzene	0	100	69.9	70		102	85.9	84		19		34	152	40	PR
Naphthalene	0	100	61.7	62		102	70.5	69		11		42	128	40	PR
Pentachlorophenol	0	150	67.6	45		153	93.6	61		30		14	176	40	PR
Phenol	0	150	78.9	53		153	92.6	61		14		19	112	40	PR
Pyrene	0	100	71.5	72		102	92.1	90		23		52	115	40	PR
bis(2-Chloroethoxy)methane	0	100	58.8	59		102	73.1	72		20		33	154	40	PR
n-Nitrosodinpropylamine	0	100	71.4	71		102	84.9	83		15		30	144	40	PR

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MSD : SW6010 | MS Sample Name : FT09-12BMS | MSD Sample Name : FT09-12BMSD
initial | MS LIMS ID : AA85284 | MSD LIMS ID : AA85285
Extraction : SW3005 | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85283 | MS Analysis : 11:12 | MSD Analysis : 11:16

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	0	2,000	2,010	101		2,000	1,940	97		4		75	125	20	PR
Antimony	0	500	487	97		500	491	98		1		75	125	20	PR
Barium	128	2,000	2,140	101		2,000	2,120	100		1		75	125	20	PR
Beryllium	0	50	50	100		50	49	98		2		75	125	20	PR
Cadmium	0	50	44	88		50	46	92		4		75	125	20	PR
Chromium	0	200	202	101		200	197	99		3		75	125	20	PR
Cobalt	0	500	494	99		500	493	99		0		75	125	20	PR
Copper	0	250	259	104		250	260	104		0		75	125	20	PR
Iron	1,130	1,000	2,160	103		1,000	2,140	101		2		75	125	20	PR
Manganese	588	500	1,080	98		500	1,070	96		2		75	125	20	PR
Molybdenum	0	500	476	95		500	471	94		1		75	125	20	PR
Nickel	0	500	492	98		500	499	100		1		75	125	20	PR
Silver	0	100	101	101		100	102	102		1		75	125	20	PR
Vanadium	0	500	495	99		500	491	98		1		75	125	20	PR
Zinc	0	500	489	98		500	487	97		0		75	125	20	PR

MSD : SW6010 | MS Sample Name : MW-10MS | MSD Sample Name : MW-10MSD
initial | MS LIMS ID : AA85296 | MSD LIMS ID : AA85297
Extraction : SW3005 | MS Extraction : 1/23/96 | MSD Extraction : 1/23/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/26/96 | MSD Analysis : 1/26/96
Neat Sample : AA85295 | MS Analysis : 15:40 | MSD Analysis : 15:44

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	539	2,000	2,560	101		2,000	2,530	100		1		75	125	20	PR
Antimony	0	500	496	99		500	490	98		1		75	125	20	PR
Barium	234	2,000	2,270	102		2,000	2,270	102		0		75	125	20	PR
Beryllium	0	50	52	104		50	52	104		0		75	125	20	PR
Cadmium	0	50	44	88		50	45	90		2		75	125	20	PR
Chromium	0	200	213	107		200	213	107		0		75	125	20	PR
Cobalt	0	500	521	104		500	517	103		1		75	125	20	PR
Copper	0	250	265	106		250	258	103		3		75	125	20	PR
Iron	2,940	1,000	4,000	106		1,000	3,980	104		2		75	125	20	PR
Manganese	6,550	500	7,160	122		500	7,130	116		5		75	125	20	PR
Molybdenum	0	500	514	103		500	513	103		0		75	125	20	PR
Nickel	0	500	520	104		500	520	104		0		75	125	20	PR
Silver	0	100	104	104		100	103	103		1		75	125	20	PR
Vanadium	0	500	504	101		500	507	101		0		75	125	20	PR
Zinc	0	500	501	100		500	496	99		1		75	125	20	PR

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MSD : SW7740 initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85283

MS Sample Name : FT09-12BMS
MS LIMS ID : AA85284
MS Extraction : 1/23/96
MS Extraction : 09:00
MS Analysis : 1/26/96
MS Analysis : 16:55

MSD Sample Name : FT09-12BMSD
MSD LIMS ID : AA85285
MSD Extraction : 1/23/96
MSD Extraction : 09:00
MSD Analysis : 1/26/96
MSD Analysis : 17:00

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	39	78		50	38.6	77		1		75	125	20	PR

MSD : SW7060 initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85295

MS Sample Name : MW-10MS
MS LIMS ID : AA85296
MS Extraction : 1/23/96
MS Extraction : 09:00
MS Analysis : 1/27/96
MS Analysis : 00:20

MSD Sample Name : MW-10MSD
MSD LIMS ID : AA85297
MSD Extraction : 1/23/96
MSD Extraction : 09:00
MSD Analysis : 1/27/96
MSD Analysis : 00:25

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	17.7	50	61.3	87		50	61.4	87		0		75	125	20	PR

MSD : SW7740 initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85295

MS Sample Name : MW-10MS
MS LIMS ID : AA85296
MS Extraction : 1/23/96
MS Extraction : 09:00
MS Analysis : 1/26/96
MS Analysis : 19:22

MSD Sample Name : MW-10MSD
MSD LIMS ID : AA85297
MSD Extraction : 1/23/96
MSD Extraction : 09:00
MSD Analysis : 1/26/96
MSD Analysis : 19:27

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	31.5	63	*	50	30.2	60	*	4		75	125	20	PR

LCS : SW7060 initial
Extraction Method : METHOD
Matrix : WQ
Units : ug/L

Sample Name : AS_SEWL0183
LIMS Sample ID : AA84710
Date of Extraction : 1/23/96
Time of Extraction : 09:00
Date of Analysis : 1/26/96
Time of Analysis : 21:19

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7060 Arsenic Water ug/L	50	44.8	90		80	120	PR

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MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85295

MS Sample Name : MW-10MS
MS LIMS ID : AA85296
MS Extraction :
MS Extraction :
MS Analysis : 1/18/96
MS Analysis : 16:20

MSD Sample Name : MW-10MSD
MSD LIMS ID : AA85297
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/18/96
MSD Analysis : 16:22

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	0.827	83		1	0.827	83		0		75	125	20	PR

LCS : SW7470
initial
Extraction Method : NONE
Matrix : WQ
Units : ug/L

Sample Name : HGWL0521
LIMS Sample ID : AA83071
Date of Extraction :
Time of Extraction :
Date of Analysis : 1/18/96
Time of Analysis : 15:48

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7470 Mercury Water ug/L	1	0.972	97		80	120	PR

Law Engineering and Environmental Services, Inc.
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Law Batch ID : VWB0777

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 66C85283

Concentration Level : LOW
Batch Prep Date : 1/25/96
SDGs Included : 63C85205 65C85271 66C85283

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
VWB0777	AA84729	1/25/96	WQ	LB
VWL0777	AA84730	1/25/96	WQ	BS
LSA1628-2	AA85286	1/15/96	WG	N
WP07-10C	AA85287	1/15/96	WG	N
LF05-5C	AA85288	1/15/96	WG	N
WP07-10B	AA85289	1/15/96	WG	N
FDUP-1	AA85290	1/15/96	WG	FD
LF04-4D	AA85291	1/15/96	WG	N
LF05-5G	AA85292	1/15/96	WG	N
MW-10	AA85295	1/15/96	WG	N
MW-10MS	AA85296	1/15/96	WG	MS
MW-10MSD	AA85297	1/15/96	WG	SD
BSSB	AA85299	1/15/96	WG	N

MSD : SW8240
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85295

MS Sample Name : MW-10MS
MS LIMS ID : AA85296
MS Extraction : 1/25/96
MS Extraction : 09:57
MS Analysis : 1/25/96
MS Analysis : 09:57

MSD Sample Name : MW-10MSD
MSD LIMS ID : AA85297
MSD Extraction : 1/25/96
MSD Extraction : 10:25
MSD Analysis : 1/25/96
MSD Analysis : 10:25

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	5,000	4,660	93		5,000	5,150	103		10		69	127	40	PR
1,1-Dichloroethene	0	5,000	4,820	96		5,000	5,120	102		6		69	122	40	PR
Benzene	5,650	5,000	10,500	97		5,000	11,900	125	*	25		68	124	40	PR
Chlorobenzene	0	5,000	4,600	92		5,000	4,760	95		3		73	127	40	PR
Chloroform	0	5,000	4,700	94		5,000	4,990	100		6		63	117	40	PR
Dibromochloromethane	0	5,000	4,600	92		5,000	4,410	88		4		64	120	40	PR
Ethylbenzene	3,670	5,000	8,330	93		5,000	9,090	108		15		72	125	40	PR
Tetrachloroethene	0	5,000	4,720	94		5,000	4,770	95		1		66	116	40	PR
Toluene	7,920	5,000	12,800	98		5,000	13,700	116		17		73	122	40	PR
Trichloroethene	0	5,000	4,680	94		5,000	4,820	96		3		76	117	40	PR

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MSD : SW8270	MS Sample Name : FT09-12BMS	MSD Sample Name : FT09-12BMSD
initial	MS LIMS ID : AA85284	MSD LIMS ID : AA85285
Extraction : SW3520	MS Extraction : 1/18/96	MSD Extraction : 1/18/96
Matrix : WG	MS Extraction : 11:45	MSD Extraction : 11:45
Units : ug/L	MS Analysis : 1/24/96	MSD Analysis : 1/24/96
Neat Sample : AA85283	MS Analysis : 16:53	MSD Analysis : 17:46

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	103	57.2	56		103	58.3	57		2		44	124	40	PR
1,4-Dichlorobenzene	0	103	51	50		103	53.2	52		4		20	124	40	PR
2,4-Dinitrotoluene	0	103	81.5	79		103	78.3	76		4		44	135	40	PR
2-Chlorophenol	0	155	114	74		155	114	74		0		28	134	40	PR
4-Chloro-3-methylphenol	0	155	114	74		155	107	69		6		44	136	40	PR
4-Nitrophenol	0	155	298	193	*	155	294	190	*	2		0	132	40	PR
Acenaphthene	0	103	81.6	79		103	78.1	76		4		47	136	40	PR
Benz(a)anthracene	0	103	92.2	89		103	84.6	82		9		48	139	40	PR
Benzo(a)pyrene	0	103	100	97		103	92.8	90		7		17	156	40	PR
Butyl benzyl phthalate	41.7	103	124	80		103	115	71		12		36	152	40	PR
Hexachlorobenzene	0	103	95.1	92		103	90	87		5		34	152	40	PR
Naphthalene	0	103	71	69		103	68.7	67		3		42	128	40	PR
Pentachlorophenol	0	155	121	78		155	111	72		9		14	176	40	PR
Phenol	0	155	95	61		155	93.6	61		1		19	112	40	PR
Pyrene	0	103	92.7	90		103	88.5	86		5		52	115	40	PR
bis(2-Chloroethoxy)methane	0	103	73.1	71		103	70	68		4		33	154	,40	PR
n-Nitrosodinpropylamine	0	103	93.4	91		103	88.7	86		5		30	144	40	PR

MSD : SW8270	MS Sample Name : MW-10MS	MSD Sample Name : MW-10MSD
initial	MS LIMS ID : AA85296	MSD LIMS ID : AA85297
Extraction : SW3520	MS Extraction : 1/18/96	MSD Extraction : 1/18/96
Matrix : WG	MS Extraction : 11:45	MSD Extraction : 11:45
Units : ug/L	MS Analysis : 1/25/96	MSD Analysis : 1/25/96
Neat Sample : AA85295	MS Analysis : 18:33	MSD Analysis : 19:26

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	101	55	54		104	65.9	63		15		44	124	40	PR
1,4-Dichlorobenzene	0	101	37.9	38		104	38.1	37		2		20	124	40	PR
2,4-Dinitrotoluene	0	101	0	0	*	104	0	0	*			44	135	40	PR
2-Chlorophenol	0	152	116	77		156	124	79		4		28	134	40	PR
4-Chloro-3-methylphenol	0	152	86.1	57		156	86.2	55		3		44	136	40	PR
4-Nitrophenol	0	152	0	0	*	156	0	0	*			0	132	40	PR
Acenaphthene	0	101	105	104		104	114	109		5		47	136	40	PR
Benz(a)anthracene	0	101	83.7	83		104	91.4	88		6		48	139	40	PR
Benzo(a)pyrene	0	101	82.1	81		104	84.4	81		0		17	156	40	PR
Butyl benzyl phthalate	29.4	101	0	-29	*	104	144	110		344	*	36	152	40	PR
Hexachlorobenzene	0	101	76.2	75		104	77.6	75		1		34	152	40	PR
Naphthalene	598	101	772	172	*	104	798	192	*	11		42	128	40	PR
Pentachlorophenol	0	152	9	6	*	156	0	0	*	200	*	14	176	40	PR
Phenol	0	152	97.2	64		156	108	69		7		19	112	40	PR
Pyrene	0	101	89.7	89		104	96.2	92		4		52	115	40	PR
bis(2-Chloroethoxy)methane	0	101	48.2	48		104	42.9	41		15		33	154	40	PR
n-Nitrosodinpropylamine	0	101	56.8	56		104	49.2	47		17		30	144	40	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

294335

Law Batch ID : ICPWB0157

Project Name : CARSWELL AFB GW MONITORING
Concentration Level : LOW
Project Number : 11-3517-32
Batch Prep Date : 1/17/96
SDG Number : 61C85172
SDGs Included : 61C85172

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
ICPWB0157	AA83052	1/17/96	WQ	LB
ICPWL0157	AA83053	1/17/96	WQ	BS
ST14-W21	AA85172	1/12/96	WG	N
SD13-06	AA85173	1/12/96	WG	N
ST14-W19	AA85174	1/12/96	WG	N
ST14-W16	AA85175	1/12/96	WG	N
FDUP-8	AA85176	1/12/96	WG	FD
FDUP-3	AA85177	1/12/96	WG	FD
ST14-W20	AA85178	1/12/96	WG	N
LF01-1C	AA85179	1/12/96	WG	N
FDUP-5	AA85180	1/12/96	WG	FD
LF01-1E	AA85181	1/12/96	WG	N
FDUP-4	AA85182	1/12/96	WG	N
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD
SD13-05	AA85186	1/12/96	WG	N

MSD : SW6010
initial
Extraction : SW3005
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction : 1/17/96
MS Extraction : 09:00
MS Analysis : 1/18/96
MS Analysis : 12:01

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction : 1/17/96
MSD Extraction : 09:00
MSD Analysis : 1/18/96
MSD Analysis : 12:05

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	49,600	2,000	46,400	-160	*	2,000	42,600	-350	*	75	*	75	125	20	PR
Antimony	0	500	274	55	*	500	0	0	*	200	*	75	125	20	PR
Barium	4,560	2,000	2,500	-103	*	2,000	2,490	-104	*	1		75	125	20	PR
Beryllium	4	50	54	100		50	54	100		0		75	125	20	PR
Cadmium	0	50	35	70	*	50	35	70	*	0		75	125	20	PR
Chromium	65	200	260	98		200	257	96		2		75	125	20	PR
Cobalt	0	500	505	101		500	507	101		0		75	125	20	PR
Copper	62	250	305	97		250	293	92		5		75	125	20	PR
Iron	44,300	1,000	42,200	-210	*	1,000	39,500	-480	*	78	*	75	125	20	PR
Manganese	1,860	500	2,340	96		500	2,340	96		0		75	125	20	PR
Molybdenum	0	500	490	98		500	471	94		4		75	125	20	PR
Nickel	0	500	546	109		500	548	110		1		75	125	20	PR
Silver	0	100	102	102		100	104	104		2		75	125	20	PR
Vanadium	102	500	594	98		500	587	97		1		75	125	20	PR
Zinc	98	500	567	94		500	561	93		1		75	125	20	PR

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294296

Law Batch ID : AS_SEWB0156

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 61C85172

Concentration Level : LOW
Batch Prep Date : 1/17/96
SDGs Included : 61C85172

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
AS_SEWB0156	AA83048	1/17/96	WQ	LB
AS_SEWL0156	AA83049	1/17/96	WQ	BS
ST14-W21	AA85172	1/12/96	WG	N
SD13-06	AA85173	1/12/96	WG	N
ST14-W19	AA85174	1/12/96	WG	N
ST14-W16	AA85175	1/12/96	WG	N
FDUP-8	AA85176	1/12/96	WG	FD
FDUP-3	AA85177	1/12/96	WG	FD
ST14-W20	AA85178	1/12/96	WG	N
LF01-1C	AA85179	1/12/96	WG	N
FDUP-5	AA85180	1/12/96	WG	FD
LF01-1E	AA85181	1/12/96	WG	N
FDUP-4	AA85182	1/12/96	WG	N
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD
SD13-05	AA85186	1/12/96	WG	N

MSD : SW7060
initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction : 1/17/96
MS Extraction : 09:00
MS Analysis : 1/18/96
MS Analysis : 18:27

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction : 1/17/96
MSD Extraction : 09:00
MSD Analysis : 1/18/96
MSD Analysis : 18:31

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	0	50	34.2	68	*	50	34.6	69	*	1		75	125	20	PR

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MSD : SW7740 | MS Sample Name : OT15CMS | MSD Sample Name : OT15CMSD
initial | MS LIMS ID : AA85184 | MSD LIMS ID : AA85185
Extraction : METHOD | MS Extraction : 1/17/96 | MSD Extraction : 1/17/96
Matrix : WG | MS Extraction : 09:00 | MSD Extraction : 09:00
Units : ug/L | MS Analysis : 1/18/96 | MSD Analysis : 1/18/96
Neat Sample : AA85183 | MS Analysis : 23:11 | MSD Analysis : 23:26

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	21.7	43	*	50	22	44	*	1		75	125	20	PR

LCS : SW7060 | Sample Name : AS_SEWL0156
initial | LIMS Sample ID : AA83049
Extraction Method : METHOD | Date of Extraction : 1/17/96
Matrix : WQ | Time of Extraction : 09:00
Units : ug/L | Date of Analysis : 1/18/96
Time of Analysis : 15:44

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7060 Arsenic Water ug/L	50	48.9	98		80	120	PR

LCS : SW7740 | Sample Name : AS_SEWL0156
initial | LIMS Sample ID : AA83049
Extraction Method : METHOD | Date of Extraction : 1/17/96
Matrix : WQ | Time of Extraction : 09:00
Units : ug/L | Date of Analysis : 1/18/96
Time of Analysis : 20:18

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7740 Selenium Water ug/L	50	39.9	80		80	120	PR

Law Engineering and Environmental Services, Inc.
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294288

Law Batch ID : PB_TLWB0155

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 61C85172

Concentration Level : LOW
Batch Prep Date : 1/17/96
SDGs Included : 61C85172

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
PB_TLWB0155	AA83054	1/17/96	WQ	LB
PB_TLWL0155	AA83055	1/17/96	WQ	BS
ST14-W21	AA85172	1/12/96	WG	N
SD13-06	AA85173	1/12/96	WG	N
ST14-W19	AA85174	1/12/96	WG	N
ST14-W16	AA85175	1/12/96	WG	N
FDUP-8	AA85176	1/12/96	WG	FD
FDUP-3	AA85177	1/12/96	WG	FD
ST14-W20	AA85178	1/12/96	WG	N
LF01-1C	AA85179	1/12/96	WG	N
FDUP-5	AA85180	1/12/96	WG	FD
LF01-1E	AA85181	1/12/96	WG	N
FDUP-4	AA85182	1/12/96	WG	N
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD
SD13-05	AA85186	1/12/96	WG	N

MSD : SW7421
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction : 1/17/96
MS Extraction : 09:00
MS Analysis : 1/19/96
MS Analysis : 01:02

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction : 1/17/96
MSD Extraction : 09:00
MSD Analysis : 1/19/96
MSD Analysis : 01:08

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7421 Lead Water ug/L	49.9	50	96.7	94		50	97	94		1		75	125	20	PR

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National Laboratories - Pensacola

294399

MSD : SW7841
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction : 1/17/96
MS Extraction : 09:00
MS Analysis : 1/18/96
MS Analysis : 19:42

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction : 1/17/96
MSD Extraction : 09:00
MSD Analysis : 1/18/96
MSD Analysis : 19:47

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	32.4	65	*	50	35.3	71	*	9		75	125	20	PR

LCS : SW7421
initial
Extraction Method : SW3020
Matrix : WQ
Units : ug/L

Sample Name : PB_TLWL0155
LIMS Sample ID : AA83055
Date of Extraction : 1/17/96
Time of Extraction : 09:00
Date of Analysis : 1/18/96
Time of Analysis : 21:44

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7421 Lead Water ug/L	50	51.7	103		80	120	PR

LCS : SW7841
initial
Extraction Method : SW3020
Matrix : WQ
Units : ug/L

Sample Name : PB_TLWL0155
LIMS Sample ID : AA83055
Date of Extraction : 1/17/96
Time of Extraction : 09:00
Date of Analysis : 1/18/96
Time of Analysis : 16:54

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7841 Thallium Water ug/L	50	51.8	104		80	120	PR

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Law Batch ID : HGWB0518

Project Name : CARSWELL AFB GW MONITORING
Concentration Level : LOW
Project Number : 11-3517-32
Batch Prep Date : 1/17/96
SDG Number : 61C85172
SDGs Included : 61C85172 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0518	AA83058	1/17/96	WQ	LB
HGWL0518	AA83059	1/17/96	WQ	BS
ST14-W21	AA85172	1/12/96	WG	N
SD13-06	AA85173	1/12/96	WG	N
ST14-W19	AA85174	1/12/96	WG	N
ST14-W16	AA85175	1/12/96	WG	N
FDUP-8	AA85176	1/12/96	WG	FD
FDUP-3	AA85177	1/12/96	WG	FD
ST14-W20	AA85178	1/12/96	WG	N
LF01-1C	AA85179	1/12/96	WG	N
FDUP-5	AA85180	1/12/96	WG	FD
LF01-1E	AA85181	1/12/96	WG	N
FDUP-4	AA85182	1/12/96	WG	N
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD
SD13-05	AA85186	1/12/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction :
MS Extraction :
MS Analysis : 1/17/96
MS Analysis : 14:58

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/17/96
MSD Analysis : 15:00

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	0.839	84		1	0.839	84		0		75	125	20	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

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Law Batch ID : V25WB0224

Project Name : CARSWELL AFB GW MONITORING
Concentration Level : LOW
Project Number : 11-3517-32
Batch Prep Date : 1/17/96
SDG Number : 61C85172
SDGs Included : 60C85119 61C85172 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
V25WB0224	AA83056	1/17/96	WQ	LB
V25WL0224	AA83057	1/17/96	WQ	BS
ST14-W21	AA85172	1/12/96	WG	N
SD13-06	AA85173	1/12/96	WG	N
ST14-W19	AA85174	1/12/96	WG	N
FDUP-3	AA85177	1/12/96	WG	FD
ST14-W20	AA85178	1/12/96	WG	N
LF01-1C	AA85179	1/12/96	WG	N
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD

MSD : SW8260
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85183

MS Sample Name : OT15CMS
MS LIMS ID : AA85184
MS Extraction : 1/17/96
MS Extraction : 09:55
MS Analysis : 1/17/96
MS Analysis : 09:55

MSD Sample Name : OT15CMSD
MSD LIMS ID : AA85185
MSD Extraction : 1/17/96
MSD Extraction : 10:24
MSD Analysis : 1/17/96
MSD Analysis : 10:24

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	8.43	84		10	8.16	82		3		69	127	40	PR
1,1-Dichloroethene	0	10	7.86	79		10	8.3	83		5		69	122	40	PR
Benzene	0	10	8.67	87		10	8.34	83		4		68	124	40	PR
Chlorobenzene	0	10	8.65	87		10	8.43	84		3		73	127	40	PR
Chloroform	0	10	8.7	87		10	8.32	83		4		63	117	40	PR
Dibromochloromethane	0	10	8.23	82		10	7.45	75		10		64	120	40	PR
Ethylbenzene	0	10	8.89	89		10	8.66	87		3		72	125	40	PR
Tetrachloroethene	0	10	8.73	87		10	8.5	85		3		66	116	40	PR
Toluene	0	10	8.66	87		10	7.85	79		10		73	122	40	PR
Trichloroethene	0	10	8.7	87		10	8.09	81		7		76	117	40	PR

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Law Batch ID : PPWB7780

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 61C85172

Concentration Level : LOW
Batch Prep Date : 1/16/96
SDGs Included : 61C85172

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
PPWB7780	AA84713	1/16/96	WQ	LB
PPWL7780	AA84714	1/16/96	WQ	BS
FDUP-8	AA85176	1/12/96	WG	FD
OT15C	AA85183	1/12/96	WG	N
OT15CMS	AA85184	1/12/96	WG	MS
OT15CMSD	AA85185	1/12/96	WG	SD

MSD : SW8080	MS Sample Name : OT15CMS	MSD Sample Name : OT15CMSD
initial	MS LIMS ID : AA85184	MSD LIMS ID : AA85185
Extraction : SW3520	MS Extraction : 1/16/96	MSD Extraction : 1/16/96
Matrix : WG	MS Extraction : 14:00	MSD Extraction : 14:00
Units : ug/L	MS Analysis : 1/24/96	MSD Analysis : 1/24/96
Neat Sample : AA85183	MS Analysis : 09:44	MSD Analysis : 10:37

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
4,4'-DDT	0	1.064	0.956	90		1.075	0.955	89		1		59	148	40	PR
AR1016	0	0	0			0	0	0				50	114	40	PR
AR1260	0	0	0			0	0	0				8	127	40	PR
Aldrin	0	0.426	0.343	81		0.43	0.345	80		0		42	122	40	PR
Dieldrin	0	1.064	0.944	89		1.075	0.945	88		1		40	146	40	PR
Endrin	0	1.064	0.704	66		1.075	0.727	68		2		42	147	40	PR
Heptachlor	0	0.426	0.316	74		0.43	0.328	76		3		43	111	40	PR
gamma-BHC (Lindane)	0	0.426	0.362	85		0.43	0.347	81		5		55	127	40	PR

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Law Batch ID : ICPWB0168

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 60C85119

Concentration Level : LOW
Batch Prep Date : 1/19/96
SDGs Included : 59C85054 60C85119

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
ICPWB0168	AA83044	1/19/96	WQ	LB
ICPWL0168	AA83045	1/19/96	WQ	BS
ST14-W06	AA85119	1/11/96	WG	N
ST14-W13	AA85120	1/11/96	WG	N
ST14-W05	AA85121	1/11/96	WG	N
SD13-02	AA85122	1/11/96	WG	N
ST14-01	AA85123	1/11/96	WG	N
GMI22-07M	AA85124	1/11/96	WG	N
T7	AA85125	1/11/96	WG	N
SD13-03	AA85126	1/11/96	WG	N
SD13-03MS	AA85127	1/11/96	WG	MS
SD13-03MSD	AA85128	1/11/96	WG	SD
ST14-W23	AA85129	1/11/96	WG	N
ST14-W11	AA85131	1/11/96	WG	N
GMI22-08M	AA85132	1/11/96	WG	N
GMI22-08MMS	AA85133	1/11/96	WG	MS
GMI22-08MMSD	AA85134	1/11/96	WG	SD
P3A	AA85135	1/11/96	WG	N

MSD : SW6010
initial
Extraction : SW3005
Matrix : WG
Units : ug/L
Neat Sample : AA85126

MS Sample Name : SD13-03MS
MS LIMS ID : AA85127
MS Extraction : 1/19/96
MS Extraction : 08:00
MS Analysis : 1/23/96
MS Analysis : 16:53

MSD Sample Name : SD13-03MSD
MSD LIMS ID : AA85128
MSD Extraction : 1/19/96
MSD Extraction : 08:00
MSD Analysis : 1/23/96
MSD Analysis : 16:57

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	0	2,000	19,100	955	*	2,000	17,200	860	*	10		75	125	20	PR
Antimony	0	500	366	73	*	500	374	75	*	2		75	125	20	PR
Barium	414	2,000	2,480	103		2,000	2,800	119		14		75	125	20	PR
Beryllium	0	50	52	104		50	53	106		2		75	125	20	PR
Cadmium	0	50	26	52	*	50	33	66	*	24	*	75	125	20	PR
Chromium	0	200	234	117		200	242	121		3		75	125	20	PR
Cobalt	0	500	508	102		500	544	109		7		75	125	20	PR
Copper	70	250	341	108		250	340	108		0		75	125	20	PR
Iron	63,600	1,000	65,100	150	*	1,000	63,800	20	*	153	*	75	125	20	PR
Manganese	790	500	1,290	100		500	1,330	108		8		75	125	20	PR
Molybdenum	25,600	500	498	502	*	500	514	502	*	0		75	125	20	PR
Nickel	0	500	577	115		500	608	122		6		75	125	20	PR
Silver	0	100	103	103		100	108	108		5		75	125	20	PR
Vanadium	0	500	626	125	*	500	649	130	*	4		75	125	20	PR
Zinc	108	500	599	98		500	623	103		5		75	125	20	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

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Law Batch ID : PB_TLWB0154

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 60C85119

Concentration Level : LOW
Batch Prep Date : 1/17/96
SDGs Included : 59C85054 60C85119

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
PB_TLWB0154	AA83050	1/17/96	WQ	LB
PB_TLWL0154	AA83051	1/17/96	WQ	BS
ST14-W06	AA85119	1/11/96	WG	N
ST14-W13	AA85120	1/11/96	WG	N
ST14-W05	AA85121	1/11/96	WG	N
SD13-02	AA85122	1/11/96	WG	N
ST14-01	AA85123	1/11/96	WG	N
GMI22-07M	AA85124	1/11/96	WG	N
T7	AA85125	1/11/96	WG	N
SD13-03	AA85126	1/11/96	WG	N
SD13-03MS	AA85127	1/11/96	WG	MS
SD13-03MSD	AA85128	1/11/96	WG	SD
ST14-W23	AA85129	1/11/96	WG	N
ST14-W11	AA85131	1/11/96	WG	N
GMI22-08M	AA85132	1/11/96	WG	N
GMI22-08MMS	AA85133	1/11/96	WG	MS
GMI22-08MMSD	AA85134	1/11/96	WG	SD
P3A	AA85135	1/11/96	WG	N

MSD : SW7421
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85126

MS Sample Name : SD13-03MS
MS LIMS ID : AA85127
MS Extraction : 1/17/96
MS Extraction : 08:00
MS Analysis : 1/18/96
MS Analysis : 04:06

MSD Sample Name : SD13-03MSD
MSD LIMS ID : AA85128
MSD Extraction : 1/17/96
MSD Extraction : 08:00
MSD Analysis : 1/18/96
MSD Analysis : 04:12

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7421 Lead Water ug/L	69.3	50	116	93		50	116	93		0		75	125	20	PR

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MSD : SW7841
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85126

MS Sample Name : SD13-03MS
MS LIMS ID : AA85127
MS Extraction : 1/17/96
MS Extraction : 08:00
MS Analysis : 1/17/96
MS Analysis : 21:15

MSD Sample Name : SD13-03MSD
MSD LIMS ID : AA85128
MSD Extraction : 1/17/96
MSD Extraction : 08:00
MSD Analysis : 1/17/96
MSD Analysis : 21:20

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	37	74	*	50	38.2	76		3		75	125	20	PR

MSD : SW7421
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85132

MS Sample Name : GMI22-08MMS
MS LIMS ID : AA85133
MS Extraction : 1/17/96
MS Extraction : 08:00
MS Analysis : 1/18/96
MS Analysis : 05:26

MSD Sample Name : GMI22-08MMSD
MSD LIMS ID : AA85134
MSD Extraction : 1/17/96
MSD Extraction : 08:00
MSD Analysis : 1/18/96
MSD Analysis : 05:31

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7421 Lead Water ug/L	7.56	50	54.6	94		50	54.7	94		0		75	125	20	PR

MSD : SW7841
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85132

MS Sample Name : GMI22-08MMS
MS LIMS ID : AA85133
MS Extraction : 1/17/96
MS Extraction : 08:00
MS Analysis : 1/17/96
MS Analysis : 22:25

MSD Sample Name : GMI22-08MMSD
MSD LIMS ID : AA85134
MSD Extraction : 1/17/96
MSD Extraction : 08:00
MSD Analysis : 1/17/96
MSD Analysis : 22:30

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	38.3	77		50	38.9	78		2		75	125	20	PR

LCS : SW7421
initial
Extraction Method : SW3020
Matrix : WQ
Units : ug/L

Sample Name : PB_TLWL0154
LIMS Sample ID : AA83051
Date of Extraction : 1/17/96
Time of Extraction : 08:00
Date of Analysis : 1/17/96
Time of Analysis : 23:57

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7421 Lead Water ug/L	50	51.7	103		80	120	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

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Law Batch ID : HGWB0517

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 60C85119

Concentration Level : LOW
Batch Prep Date : 1/16/96
SDGs Included : 59C85054 60C85119

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0517	AA83038	1/16/96	WQ	LB
HGWL0517	AA83039	1/16/96	WQ	BS
ST14-W06	AA85119	1/11/96	WG	N
ST14-W13	AA85120	1/11/96	WG	N
ST14-W05	AA85121	1/11/96	WG	N
SD13-02	AA85122	1/11/96	WG	N
ST14-01	AA85123	1/11/96	WG	N
GMI22-07M	AA85124	1/11/96	WG	N
T7	AA85125	1/11/96	WG	N
SD13-03	AA85126	1/11/96	WG	N
SD13-03MS	AA85127	1/11/96	WG	MS
SD13-03MSD	AA85128	1/11/96	WG	SD
ST14-W23	AA85129	1/11/96	WG	N
ST14-W11	AA85131	1/11/96	WG	N
GMI22-08M	AA85132	1/11/96	WG	N
GMI22-08MMS	AA85133	1/11/96	WG	MS
GMI22-08MMSD	AA85134	1/11/96	WG	SD
P3A	AA85135	1/11/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85126

MS Sample Name : SD13-03MS
MS LIMS ID : AA85127
MS Extraction :
MS Extraction :
MS Analysis : 1/16/96
MS Analysis : 14:52

MSD Sample Name : SD13-03MSD
MSD LIMS ID : AA85128
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/16/96
MSD Analysis : 14:54

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	0.921	92		1	0.939	94		2		75	125	20	PR

MSD : SW8270 | MS Sample Name : SD13-03MS | MSD Sample Name : SD13-03MSD
initial | MS LIMS ID : AA85127 | MSD LIMS ID : AA85128
Extraction : SW3520 | MS Extraction : 1/15/96 | MSD Extraction : 1/15/96
Matrix : WG | MS Extraction : 15:00 | MSD Extraction : 15:00
Units : ug/L | MS Analysis : 1/19/96 | MSD Analysis : 1/19/96
Neat Sample : AA85126 | MS Analysis : 18:39 | MSD Analysis : 19:33

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	108	53.6	50		100	53.8	54		8		44	124	40	PR
1,4-Dichlorobenzene	0	108	39.7	37		100	39.8	40		8		20	124	40	PR
2,4-Dinitrotoluene	0	108	57.9	54		100	56.6	57		5		44	135	40	PR
2-Chlorophenol	0	161	86.1	53		150	82.7	55		3		28	134	40	PR
4-Chloro-3-methylphenol	0	161	85	53		150	87	58		10		44	136	40	PR
4-Nitrophenol	0	161	133	83		150	134	89		8		0	132	40	PR
Acenaphthene	0	108	52.6	49		100	50.1	50		2		47	136	40	PR
Benz(a)anthracene	0	108	62.4	58		100	58.5	59		1		48	139	40	PR
Benzo(a)pyrene	0	108	99	92		100	92.1	92		0		17	156	40	PR
Butyl benzyl phthalate	15.3	108	65.5	47		100	59.6	44		5		36	152	40	PR
Hexachlorobenzene	0	108	58.6	55		100	56.9	57		4		34	152	40	PR
Naphthalene	1.73	108	54.5	49		100	53.7	52		6		42	128	40	PR
Pentachlorophenol	0	161	77.5	48		150	74.6	50		3		14	176	40	PR
Phenol	0	161	78.8	49		150	71.3	48		3		19	112	40	PR
Pyrene	0	108	59	55		100	54.5	55		1		52	115	40	PR
bis(2-Chloroethoxy)methane	0	108	62.5	58		100	64.5	65		10		33	154	40	PR
n-Nitrosodinpropylamine	0	108	86.3	80		100	66.9	67		18		30	144	40	PR

MSD : SW8270 | MS Sample Name : GMI22-08MMS | MSD Sample Name : GMI22-08MMSD
initial | MS LIMS ID : AA85133 | MSD LIMS ID : AA85134
Extraction : SW3520 | MS Extraction : 1/15/96 | MSD Extraction : 1/15/96
Matrix : WG | MS Extraction : 15:00 | MSD Extraction : 15:00
Units : ug/L | MS Analysis : 1/19/96 | MSD Analysis : 1/19/96
Neat Sample : AA85132 | MS Analysis : 20:26 | MSD Analysis : 21:19

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	109	32.9	30	*	104	43.3	42	*	31		44	124	40	PR
1,4-Dichlorobenzene	0	109	28	26		104	40.5	39		40	*	20	124	40	PR
2,4-Dinitrotoluene	0	109	41	38	*	104	52.8	51		29		44	135	40	PR
2-Chlorophenol	0	163	62.6	38		156	80.5	52		29		28	134	40	PR
4-Chloro-3-methylphenol	0	163	52.7	32	*	156	66.4	43	*	27		44	136	40	PR
4-Nitrophenol	0	163	63.8	39		156	80.8	52		28		0	132	40	PR
Acenaphthene	0	109	39.6	36	*	104	50.3	48		28		47	136	40	PR
Benz(a)anthracene	0	109	43.6	40	*	104	58.2	56		33		48	139	40	PR
Benzo(a)pyrene	0	109	69	64		104	93.7	90		35		17	156	40	PR
Butyl benzyl phthalate	2.36	109	45.3	40		104	59.8	55		33		36	152	40	PR
Hexachlorobenzene	0	109	46.1	42		104	58.4	56		28		34	152	40	PR
Naphthalene	0	109	37.8	35	*	104	48.1	46		28		42	128	40	PR
Pentachlorophenol	0	163	41.4	25		156	55	35		32		14	176	40	PR
Phenol	0	163	51.4	32		156	67.1	43		31		19	112	40	PR
Pyrene	0	109	42.3	39	*	104	55.1	53		31		52	115	40	PR
bis(2-Chloroethoxy)methane	0	109	42.6	39		104	53.8	52		27		33	154	40	PR
n-Nitrosodinpropylamine	0	109	50.3	46		104	64.5	62		29		30	144	40	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

294298

Law Batch ID : V25WB0223

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 60C85119

Concentration Level : LOW
Batch Prep Date : 1/15/96
SDGs Included : 59C85054 60C85119

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
V25WB0223	AA83036	1/15/96	WQ	LB
V25WL0223	AA83037	1/15/96	WQ	BS
ST14-W06	AA85119	1/11/96	WG	N
ST14-W13	AA85120	1/11/96	WG	N
ST14-W05	AA85121	1/11/96	WG	N
SD13-02	AA85122	1/11/96	WG	N
SD13-03	AA85126	1/11/96	WG	N
SD13-03MS	AA85127	1/11/96	WG	MS
SD13-03MSD	AA85128	1/11/96	WG	SD
GMI22-08M	AA85132	1/11/96	WG	N
GMI22-08MMS	AA85133	1/11/96	WG	MS
GMI22-08MMSD	AA85134	1/11/96	WG	SD

MSD : SW8260
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85126

MS Sample Name : SD13-03MS
MS LIMS ID : AA85127
MS Extraction : 1/15/96
MS Extraction : 09:43
MS Analysis : 1/15/96
MS Analysis : 09:43

MSD Sample Name : SD13-03MSD
MSD LIMS ID : AA85128
MSD Extraction : 1/15/96
MSD Extraction : 10:15
MSD Analysis : 1/15/96
MSD Analysis : 10:15

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	11.3	113		10	10.9	109		4		69	127	40	PR
1,1-Dichloroethene	0	10	10.9	109		10	10.2	102		7		69	122	40	PR
Benzene	0	10	9.55	96		10	9.91	99		4		68	124	40	PR
Chlorobenzene	0	10	9.64	96		10	9.53	95		1		73	127	40	PR
Chloroform	0	10	11.6	116		10	11.3	113		3		63	117	40	PR
Dibromochloromethane	0	10	7.6	76		10	7.88	79		4		64	120	40	PR
Ethylbenzene	0	10	10.2	102		10	10.1	101		1		72	125	40	PR
Tetrachloroethene	0	10	10.1	101		10	9.86	99		2		66	116	40	PR
Toluene	0	10	9.8	98		10	9.56	96		2		73	122	40	PR
Trichloroethene	0	10	9.59	96		10	8.9	89		7		76	117	40	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

291299

Law Batch ID : ICPWB0169

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 62C85187

Concentration Level : LOW
Batch Prep Date : 1/19/96
SDGs Included : 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
ICPWB0169	AA83074	1/19/96	WQ	LB
ICPWL0169	AA83075	1/19/96	WQ	BS
ST14-W08	AA85187	1/12/96	WG	N
ST14-W08MS	AA85188	1/12/96	WG	MS
ST14-W08MSD	AA85189	1/12/96	WG	SD
ST14-W22	AA85190	1/12/96	WG	N
GMI22-05M	AA85191	1/12/96	WG	N
LF01-1D	AA85192	1/12/96	WG	N
LF01-1A	AA85193	1/12/96	WG	N
ST14-W07	AA85194	1/12/96	WG	N

MSD : SW6010
initial
Extraction : SW3005
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction : 1/19/96
MS Extraction : 09:00
MS Analysis : 1/23/96
MS Analysis : 09:54

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction : 1/19/96
MSD Extraction : 09:00
MSD Analysis : 1/23/96
MSD Analysis : 12:24

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	10,800	2,000	12,300	75		2,000	12,800	100		29	*	75	125	20	PR
Antimony	0	500	462	92		500	450	90		3		75	125	20	PR
Barium	109	2,000	2,170	103		2,000	2,200	105		2		75	125	20	PR
Beryllium	0	50	52	104		50	51	102		2		75	125	20	PR
Cadmium	0	50	47	94		50	44	88		7		75	125	20	PR
Chromium	0	200	219	110		200	211	105		5		75	125	20	PR
Cobalt	0	500	519	104		500	518	104		0		75	125	20	PR
Copper	0	250	276	110		250	268	107		3		75	125	20	PR
Iron	14,100	1,000	15,200	110		1,000	15,400	130	*	17		75	125	20	PR
Manganese	636	500	1,170	107		500	1,120	97		10		75	125	20	PR
Molybdenum	0	500	527	105		500	505	101		4		75	125	20	PR
Nickel	0	500	539	108		500	521	104		4		75	125	20	PR
Silver	0	100	107	107		100	103	103		4		75	125	20	PR
Vanadium	0	500	549	110		500	554	111		1		75	125	20	PR
Zinc	40	500	557	103		500	527	97		6		75	125	20	PR

Law Engineering and Environmental Services, Inc.
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Law Batch ID : PB_TLWB0172

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 62C85187

Concentration Level : LOW
Batch Prep Date : 1/19/96
SDGs Included : 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
PB_TLWB0172	AA83076	1/19/96	WQ	LB
PB_TLWL0172	AA83077	1/19/96	WQ	BS
ST14-W08	AA85187	1/12/96	WG	N
ST14-W08MS	AA85188	1/12/96	WG	MS
ST14-W08MSD	AA85189	1/12/96	WG	SD
ST14-W22	AA85190	1/12/96	WG	N
GMI22-05M	AA85191	1/12/96	WG	N
LF01-1D	AA85192	1/12/96	WG	N
LF01-1A	AA85193	1/12/96	WG	N
ST14-W07	AA85194	1/12/96	WG	N

MSD : SW7421
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction : 1/19/96
MS Extraction : 09:00
MS Analysis : 1/22/96
MS Analysis : 17:56

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction : 1/19/96
MSD Extraction : 09:00
MSD Analysis : 1/22/96
MSD Analysis : 18:02

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7421 Lead Water ug/L	14.1	50	66.1	104		50	66.6	105		1		75	125	20	PR

MSD : SW7841
initial
Extraction : SW3020
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction : 1/19/96
MS Extraction : 09:00
MS Analysis : 1/22/96
MS Analysis : 10:48

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction : 1/19/96
MSD Extraction : 09:00
MSD Analysis : 1/22/96
MSD Analysis : 10:53

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7841 Thallium Water ug/L	0	50	45.7	91		50	44.4	89		3		75	125	20	PR

Law Engineering and Environmental Services, Inc.
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284401

Law Batch ID : HGWB0518

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 62C85187

Concentration Level : LOW
Batch Prep Date : 1/17/96
SDGs Included : 61C85172 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0518	AA83058	1/17/96	WQ	LB
HGWL0518	AA83059	1/17/96	WQ	BS
ST14-W08	AA85187	1/12/96	WG	N
ST14-W08MS	AA85188	1/12/96	WG	MS
ST14-W08MSD	AA85189	1/12/96	WG	SD
ST14-W22	AA85190	1/12/96	WG	N
GMI22-05M	AA85191	1/12/96	WG	N
LF01-1D	AA85192	1/12/96	WG	N
LF01-1A	AA85193	1/12/96	WG	N
ST14-W07	AA85194	1/12/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction :
MS Extraction :
MS Analysis : 1/17/96
MS Analysis : 14:12

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/17/96
MSD Analysis : 14:14

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	0.948	95		1	0.88	88		7		75	125	20	PR

LCS : SW7470
initial
Extraction Method : NONE
Matrix : WQ
Units : ug/L

Sample Name : HGWL0518
LIMS Sample ID : AA83059
Date of Extraction :
Time of Extraction :
Date of Analysis : 1/17/96
Time of Analysis : 14:08

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7470 Mercury Water ug/L	1	0.894	89		80	120	PR

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29402

Law Batch ID : V25WB0224

Project Name : CARSWELL AFB GW MONITORING
Concentration Level : LOW
Project Number : 11-3517-32
Batch Prep Date : 1/17/96
SDG Number : 62C85187
SDGs Included : 60C85119 61C85172 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
V25WB0224	AA83056	1/17/96	WQ	LB
V25WL0224	AA83057	1/17/96	WQ	BS
ST14-W08	AA85187	1/12/96	WG	N
ST14-W08MS	AA85188	1/12/96	WG	MS
ST14-W08MSD	AA85189	1/12/96	WG	SD

MSD : SW8260
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction : 1/17/96
MS Extraction : 08:53
MS Analysis : 1/17/96
MS Analysis : 08:53

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction : 1/17/96
MSD Extraction : 09:25
MSD Analysis : 1/17/96
MSD Analysis : 09:25

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	9.02	90		10	8.54	85		5		69	127	40	PR
1,1-Dichloroethene	0	10	9.17	92		10	8.89	89		3		69	122	40	PR
Benzene	0.411	10	9.63	92		10	9.21	88		5		68	124	40	PR
Chlorobenzene	0	10	9.22	92		10	8.93	89		3		73	127	40	PR
Chloroform	0	10	9.17	92		10	8.76	88		5		63	117	40	PR
Dibromochloromethane	0	10	8.64	86		10	8.34	83		4		64	120	40	PR
Ethylbenzene	0.153	10	9.57	94		10	9.07	89		5		72	125	40	PR
Tetrachloroethene	0	10	9.42	94		10	8.92	89		5		66	116	40	PR
Toluene	0	10	9.26	93		10	8.88	89		4		73	122	40	PR
Trichloroethene	0	10	9.24	92		10	8.83	88		5		76	117	40	PR

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294403

Law Batch ID : SWB7782

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 62C85187

Concentration Level : LOW
Batch Prep Date : 1/16/96
SDGs Included : 62C85187

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
SWB7782	AA83082	1/16/96	WQ	LB
SWL7782	AA83083	1/16/96	WQ	BS
ST14-W08	AA85187	1/12/96	WG	N
ST14-W08MS	AA85188	1/12/96	WG	MS
ST14-W08MSD	AA85189	1/12/96	WG	SD
ST14-W22	AA85190	1/12/96	WG	N
GMI22-05M	AA85191	1/12/96	WG	N
LF01-1D	AA85192	1/12/96	WG	N
LF01-1A	AA85193	1/12/96	WG	N
ST14-W07	AA85194	1/12/96	WG	N

MSD : SW8270
initial
Extraction : SW3520
Matrix : WG
Units : ug/L
Neat Sample : AA85187

MS Sample Name : ST14-W08MS
MS LIMS ID : AA85188
MS Extraction : 1/16/96
MS Extraction : 14:10
MS Analysis : 1/19/96
MS Analysis : 07:13

MSD Sample Name : ST14-W08MSD
MSD LIMS ID : AA85189
MSD Extraction : 1/16/96
MSD Extraction : 14:10
MSD Analysis : 1/19/96
MSD Analysis : 08:06

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	109	67.1	62		101	63.1	63		1		44	124	40	PR
1,4-Dichlorobenzene	0	109	60	55		101	54.7	54		2		20	124	40	PR
2,4-Dinitrotoluene	0	109	79.9	74		101	70.9	70		5		44	135	40	PR
2-Chlorophenol	0	163	121	74		152	107	71		5		28	134	40	PR
4-Chloro-3-methylphenol	0	163	116	71		152	106	70		2		44	136	40	PR
4-Nitrophenol	0	163	189	116		152	168	111		4		0	132	40	PR
Acenaphthene	0	109	81	75		101	72.5	72		4		47	136	40	PR
Benz(a)anthracene	0	109	94.5	87		101	82.4	82		6		48	139	40	PR
Benzo(a)pyrene	0	109	88.4	81		101	76.5	76		7		17	156	40	PR
Butyl benzyl phthalate	18.2	109	99.7	75		101	92.3	73		2		36	152	40	PR
Hexachlorobenzene	0	109	90.5	83		101	81.6	81		3		34	152	40	PR
Naphthalene	0	109	76	70		101	70.2	70		1		42	128	40	PR
Pentachlorophenol	0	163	104	64		152	91.7	61		5		14	176	40	PR
Phenol	0	163	106	65		152	102	67		3		19	112	40	PR
Pyrene	0	109	89.7	83		101	79.1	78		5		52	115	40	PR
bis(2-Chloroethoxy)methane	0	109	82.5	76		101	77.1	76		1		33	154	40	PR
n-Nitrosodinpropylamine	0	109	103	95		101	95.8	95		0		30	144	40	PR

294404

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MSD : SW6010
initial
Extraction : SW3005
Matrix : WG
Units : ug/L
Neat Sample : AA85213

MS Sample Name : ST14-W09MS
MS LIMS ID : AA85218
MS Extraction : 1/18/96
MS Extraction : 08:00
MS Analysis : 1/22/96
MS Analysis : 10:27

MSD Sample Name : ST14-W09MSD
MSD LIMS ID : AA85219
MSD Extraction : 1/18/96
MSD Extraction : 08:00
MSD Analysis : 1/22/96
MSD Analysis : 10:54

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
Aluminum	18,000	2,000	21,900	195	*	2,000	21,500	175	*	11		75	125	20	PR
Antimony	0	500	402	80		500	415	83		3		75	125	20	PR
Barium	255	2,000	2,280	101		2,000	2,280	101		0		75	125	20	PR
Beryllium	0	50	52	104		50	52	104		0		75	125	20	PR
Cadmium	0	50	40	80		50	40	80		0		75	125	20	PR
Chromium	0	200	230	115		200	228	114		1		75	125	20	PR
Cobalt	0	500	501	100		500	502	100		0		75	125	20	PR
Copper	0	250	277	111		250	289	116		4		75	125	20	PR
Iron	19,900	1,000	21,900	200	*	1,000	21,600	170	*	16		75	125	20	PR
Manganese	422	500	931	102		500	925	101		1		75	125	20	PR
Molybdenum	0	500	496	99		500	500	100		1		75	125	20	PR
Nickel	0	500	509	102		500	505	101		1		75	125	20	PR
Silver	0	100	104	104		100	107	107		3		75	125	20	PR
Vanadium	0	500	546	109		500	550	110		1		75	125	20	PR
Zinc	52	500	543	98		500	540	98		1		75	125	20	PR

LCS : SW6010
initial
Extraction Method : SW3005
Matrix : WQ
Units : ug/L

Sample Name : ICPWL0160
LIMS Sample ID : AA83063
Date of Extraction : 1/18/96
Time of Extraction : 08:00
Date of Analysis : 1/22/96
Time of Analysis : 10:15

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
Aluminum	5,000	4,920	98		80	120	PR
Antimony	1,000	1,010	101		80	120	PR
Barium	5,000	4,990	100		80	120	PR
Beryllium	200	196	98		80	120	PR
Cadmium	200	199	100		80	120	PR
Calcium	12,500	12,500	100		80	120	PR
Chromium	200	200	100		80	120	PR
Cobalt	1,000	974	97		80	120	PR
Copper	1,000	988	99		80	120	PR
Iron	5,000	5,070	101		80	120	PR
Magnesium	12,500	12,600	101		80	120	PR
Manganese	1,000	970	97		80	120	PR
Molybdenum	200	203	102		80	120	PR
Nickel	1,000	987	99		80	120	PR
Potassium	12,500	12,300	98		80	120	PR
Silver	200	198	99		80	120	PR
Sodium	12,500	12,900	103		80	120	PR
Vanadium	1,000	956	96		80	120	PR
Zinc	1,000	975	98		80	120	PR

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294405

Law Batch ID : AS_SEWB0162

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 63C85205

Concentration Level : LOW
Batch Prep Date : 1/18/96
SDGs Included : 63C85205

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
AS_SEWB0162	AA83064	1/18/96	WQ	LB
AS_SEWL0162	AA83065	1/18/96	WQ	BS
FDUP-7	AA85205	1/13/96	WG	FD
ST14-02	AA85206	1/13/96	WG	N
FT09-12A	AA85207	1/13/96	WG	N
LF04-04	AA85208	1/13/96	WG	N
LF05-02	AA85209	1/13/96	WG	N
GMI22-02M	AA85210	1/13/96	WG	N
FT09-12C	AA85211	1/13/96	WG	N
FDUP-6	AA85212	1/13/96	WG	FD
ST14-W09	AA85213	1/13/96	WG	N
ST14-03	AA85214	1/13/96	WG	N
ST14-04	AA85215	1/13/96	WG	N
ST14-W15	AA85216	1/13/96	WG	N
LF05-18	AA85217	1/13/96	WG	N
ST14-W09MS	AA85218	1/13/96	WG	MS
ST14-W09MSD	AA85219	1/13/96	WG	SD
LF04-10	AA85220	1/13/96	WG	N
P6A	AA85221	1/13/96	WG	N
EB-3	AA85222	1/13/96	WQ	EB
LF04-4A	AA85223	1/13/96	WG	N
LF04-4B	AA85224	1/13/96	WG	N

MSD : SW7060
initial
Extraction : METHOD
Matrix : WG
Units : ug/L
Neat Sample : AA85213

MS Sample Name : ST14-W09MS
MS LIMS ID : AA85218
MS Extraction : 1/18/96
MS Extraction : 08:00
MS Analysis : 1/19/96
MS Analysis : 18:55

MSD Sample Name : ST14-W09MSD
MSD LIMS ID : AA85219
MSD Extraction : 1/18/96
MSD Extraction : 08:00
MSD Analysis : 1/19/96
MSD Analysis : 19:00

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7060 Arsenic Water ug/L	0	50	40.8	82		50	40.3	81		1		75	125	20	PR

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MSD : SW7740 | MS Sample Name : ST14-W09MS | MSD Sample Name : ST14-W09MSD
initial | MS LIMS ID : AA85218 | MSD LIMS ID : AA85219
Extraction : METHOD | MS Extraction : 1/18/96 | MSD Extraction : 1/18/96
Matrix : WG | MS Extraction : 08:00 | MSD Extraction : 08:00
Units : ug/L | MS Analysis : 1/22/96 | MSD Analysis : 1/22/96
Neat Sample : AA85213 | MS Analysis : 16:02 | MSD Analysis : 16:07

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7740 Selenium Water ug/L	0	50	36.4	73	*	50	38.6	77		6		75	125	20	PR

LCS : SW7060 | Sample Name : AS_SEWL0162
initial | LIMS Sample ID : AA83065
Extraction Method : METHOD | Date of Extraction : 1/18/96
Matrix : WQ | Time of Extraction : 08:00
Units : ug/L | Date of Analysis : 1/19/96
Time of Analysis : 15:53

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7060 Arsenic Water ug/L	50	48.7	97		80	120	PR

LCS : SW7740 | Sample Name : AS_SEWL0162
initial | LIMS Sample ID : AA83065
Extraction Method : METHOD | Date of Extraction : 1/18/96
Matrix : WQ | Time of Extraction : 08:00
Units : ug/L | Date of Analysis : 1/22/96
Time of Analysis : 10:12

Analyte	LCS Spike	LCS Conc.	LCS %	*	LCL	UCL	RC
610-7740 Selenium Water ug/L	50	49.5	99		80	120	PR

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294407

Law Batch ID : HGWB0519

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 63C85205

Concentration Level : LOW
Batch Prep Date : 1/17/96
SDGs Included : 63C85205

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
HGWB0519	AA83060	1/17/96	WQ	LB
HGWL0519	AA83061	1/17/96	WQ	BS
FDUP-7	AA85205	1/13/96	WG	FD
ST14-02	AA85206	1/13/96	WG	N
FT09-12A	AA85207	1/13/96	WG	N
LF04-04	AA85208	1/13/96	WG	N
LF05-02	AA85209	1/13/96	WG	N
GMI22-02M	AA85210	1/13/96	WG	N
FT09-12C	AA85211	1/13/96	WG	N
FDUP-6	AA85212	1/13/96	WG	FD
ST14-W09	AA85213	1/13/96	WG	N
ST14-03	AA85214	1/13/96	WG	N
ST14-04	AA85215	1/13/96	WG	N
ST14-W15	AA85216	1/13/96	WG	N
LF05-18	AA85217	1/13/96	WG	N
ST14-W09MS	AA85218	1/13/96	WG	MS
ST14-W09MSD	AA85219	1/13/96	WG	SD
LF04-10	AA85220	1/13/96	WG	N
P6A	AA85221	1/13/96	WG	N
EB-3	AA85222	1/13/96	WQ	EB
LF04-4A	AA85223	1/13/96	WG	N
LF04-4B	AA85224	1/13/96	WG	N

MSD : SW7470
initial
Extraction : NONE
Matrix : WG
Units : ug/L
Neat Sample : AA85213

MS Sample Name : ST14-W09MS
MS LIMS ID : AA85218
MS Extraction :
MS Extraction :
MS Analysis : 1/17/96
MS Analysis : 15:52

MSD Sample Name : ST14-W09MSD
MSD LIMS ID : AA85219
MSD Extraction :
MSD Extraction :
MSD Analysis : 1/17/96
MSD Analysis : 15:54

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
610-7470 Mercury Water ug/L	0	1	1.01	101		1	1.01	101		0		75	125	20	PR

Law Engineering and Environmental Services, Inc.
National Laboratories - Pensacola

294408

Law Batch ID : V25WB0225

Project Name : CARSWELL AFB GW MONITORING
Project Number : 11-3517-32
SDG Number : 63C85205

Concentration Level : LOW
Batch Prep Date : 1/19/96
SDGs Included : 85172 85187 85205 85225

Samples in Batch

Sample ID	LIMS ID	Sampled	Matrix	SACODE
V25WB0225	AA83072	1/19/96	WQ	LB
V25WL0225	AA83073	1/19/96	WQ	BS
FDUP-7	AA85205	1/13/96	WG	FD
ST14-02	AA85206	1/13/96	WG	N
FT09-12A	AA85207	1/13/96	WG	N
GMI22-02M	AA85210	1/13/96	WG	N
FT09-12C	AA85211	1/13/96	WG	N
ST14-W09	AA85213	1/13/96	WG	N
ST14-W09MS	AA85218	1/13/96	WG	MS
ST14-W09MSD	AA85219	1/13/96	WG	SD

MSD : SW8260
initial
Extraction : SW5030
Matrix : WG
Units : ug/L
Neat Sample : AA85213

MS Sample Name : ST14-W09MS
MS LIMS ID : AA85218
MS Extraction : 1/19/96
MS Extraction : 07:31
MS Analysis : 1/19/96
MS Analysis : 07:31

MSD Sample Name : ST14-W09MSD
MSD LIMS ID : AA85219
MSD Extraction : 1/19/96
MSD Extraction : 08:01
MSD Analysis : 1/19/96
MSD Analysis : 08:01

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,1,1-Trichloroethane	0	10	11	110		10	11.3	113		3		69	127	40	PR
1,1-Dichloroethene	0	10	9.4	94		10	9.46	95		1		69	122	40	PR
Benzene	0	10	9.68	97		10	9.81	98		1		68	124	40	PR
Chlorobenzene	0	10	9.73	97		10	9.72	97		0		73	127	40	PR
Chloroform	0	10	10.5	105		10	10.9	109		4		63	117	40	PR
Dibromochloromethane	0	10	8.27	83		10	7.76	78		6		64	120	40	PR
Ethylbenzene	0	10	10.3	103		10	10.5	105		2		72	125	40	PR
Tetrachloroethene	0	10	10.2	102		10	10.1	101		1		66	116	40	PR
Toluene	0	10	9.81	98		10	10	100		2		73	122	40	PR
Trichloroethene	1.5	10	11.2	97		10	11.1	96		1		76	117	40	PR

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MSD : SW8270	MS Sample Name : ST14-W09MS	MSD Sample Name : ST14-W09MSD
initial	MS LIMS ID : AA85218	MSD LIMS ID : AA85219
Extraction : SW3520	MS Extraction : 1/17/95	MSD Extraction : 1/17/95
Matrix : WG	MS Extraction : 14:00	MSD Extraction : 14:00
Units : ug/L	MS Analysis : 1/24/96	MSD Analysis : 1/24/96
Neat Sample : AA85213	MS Analysis : 10:41	MSD Analysis : 11:34

Analyte	Original Conc	MS Spike	MS Conc.	MS %	*	MSD Spike	MSD Conc.	MSD %	*	RPD	*	LCL	UCL	RPD CL	RC
1,2,4-Trichlorobenzene	0	104	51.1	49		100	58.2	58		17		44	124	40	PR
1,4-Dichlorobenzene	0	104	50.2	48		100	49.7	50		3		20	124	40	PR
2,4-Dinitrotoluene	0	104	65.5	63		100	79	79		23		44	135	40	PR
2-Chlorophenol	0	156	102	65		150	107	71		9		28	134	40	PR
4-Chloro-3-methylphenol	0	156	85.5	55		150	104	69		24		44	136	40	PR
4-Nitrophenol	0	156	177	113		150	293	195	*	53	*	0	132	40	PR
Acenaphthene	0	104	67.1	64		100	75.3	75		16		47	136	40	PR
Benz(a)anthracene	0	104	71.5	69		100	87.5	88		24		48	139	40	PR
Benzo(a)pyrene	0	104	77.7	75		100	86.8	87		15		17	156	40	PR
Butyl benzyl phthalate	1.87	104	78.6	74		100	94.2	92		22		36	152	40	PR
Hexachlorobenzene	0	104	72.7	70		100	84.7	85		19		34	152	40	PR
Naphthalene	0	104	64.9	62		100	70.6	71		12		42	128	40	PR
Pentachlorophenol	0	156	60.4	39		150	96.5	64		50	*	14	176	40	PR
Phenol	0	156	80.3	51		150	84.8	57		9		19	112	40	PR
Pyrene	0	104	72.3	69		100	85	85		20		52	115	40	PR
bis(2-Chloroethoxy)methane	0	104	61.1	59		100	75	75		24		33	154	40	PR
n-Nitrosodinpropylamine	0	104	71.9	69		100	87.7	88		24		30	144	40	PR

294410

TAB

APPENDIX H

294411

APPENDIX H

POSITIVE RESULTS SUMMARY TABLES

294412

APPENDIX H-1

THIRD QUARTER POSITIVE RESULTS SUMMARY TABLE

TABLE H-1
POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	LF01-1A 20-OCT-95	LF01-1C 20-OCT-95	LF01-1D 17-OCT-95	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF04-4A 17-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		2320	<500	819	1710	1340	24800
Barium	2000		94.0	145	131	857 J	612 J	166
Calcium	NA		87700	155000	174000	137000	139000	323000
Iron	NA		7840	11200	2730	4220	4190	27300
Magnesium	NA		4510	8860	9320	9260	9080	<250
Manganese	NA		254	1580	207	19600	14600	9910
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	<50.0	1250
Potassium	NA		3220	<600	2310	1040 JH	872 JH	5850
Sodium	NA		15300	29300	25700	19500	19200	31500
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	63.0
Zinc	NA		49.0	11.0	<10.0	23.0	30.0	275
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	25.2	<5.00	5.67	5.25	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		10.7	<5.00	<25.0	<5.00	<5.00	<25.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Toluene	1000		-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	100		<0.500	<0.500	<0.500	1.55	1.69	<0.500
Bromoform	100		<1.00	<1.00	<1.00	0.221 JQ	<1.00	<1.00
Carbon disulfide	10200		<1.00	<1.00	<1.00	<1.00	<1.00	1.12
Chlorobenzene	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chloroform	100		<0.500	<0.500	<0.500	1.06	1.24	<0.500
Dibromochloromethane	100		<0.500	<0.500	<0.500	1.25	1.43	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.6	2.52 JQ	<10.5	<10.9	<10.9	<10.5
Acenaphthene	6130		<10.6	2.65 JQ	1.06 JQ	<10.9	<10.9	<10.5
Butyl benzyl phthalate	NA		28.8	37.4	<10.5	69.9 J	21.5 J	<10.5
Di-n-butylphthalate	10200		<10.6	<10.0	<10.5	1.29 JQ	<10.9	<10.5
Diethylphthalate	81800		<10.6	<10.0	<10.5	<10.9	<10.9	<10.5

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	LF01-1A 20-OCT-95	LF01-1C 20-OCT-95	LF01-1D 17-OCT-95	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF04-4A 17-OCT-95
Naphthalene	4090		<10.6	<10.0	<10.5	2.88 JQ	2.17 JQ	<10.5
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Phenanthrene	NA		<10.6	2.47 JQ	<10.5	<10.9	<10.9	<10.5
Phenol	61300		24.6	<10.0	<10.5	<10.9	<10.9	<10.5
bis(2-Ethylhexyl)phthalate	20.4		5.37 JQ	<10.0	<10.5	9.41 JQ	<10.9	<10.5

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use
☐ Results in boxes exceed the MCL/MSC concentration

TABLE H-1
POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	LF04-4B 17-OCT-95	LF04-4D 18-OCT-95	LF04-4E 18-OCT-95	LF04-4F 21-OCT-95	LF05-5C 19-OCT-95	LF05-5D 19-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		2020	5720	4320	566	<500	<500
Barium	2000		130	289	166	84.0	374	234
Calcium	NA		154000	314000	207000	153000	152000	162000
Iron	NA		2590	17600	9030	915	6580	7660
Magnesium	NA		6420	10100	6880	5860	8450	11600
Manganese	NA		324	3410	1360	110	1340	2150
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		1860	2900	2350	1420	2130	7700
Sodium	NA		39800	24700	19400	19300	27800	15900
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		88.0	20.0	30.0	<10.0	20.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	<5.00 JL	<5.00	11.4	13.6
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		5.35	8.98	6.72	<5.00	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Toluene	1000		-	<50.0	<50.0	<100	<50.0	-
Trichloroethene	5		-	92.7	1530	1590	495	-
Xylenes (total)	10000		-	<50.0	<50.0	<100	<50.0	-
cis-1,2-Dichloroethene	70		-	32.6 JQ	311	308	180	-
trans-1,2-Dichloroethene	100		-	1.96 JQ	32.5 JQ	<100	20.1 JQ	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	-	-	-	-	<0.500
Benzene	5		<0.500	-	-	-	-	<0.500
Bromodichloromethane	100		<0.500	-	-	-	-	<0.500
Bromoform	100		<1.00	-	-	-	-	<1.00
Carbon disulfide	10200		2.70	-	-	-	-	<1.00
Chlorobenzene	100		<0.500	-	-	-	-	1.30
Chloroform	100		<0.500	-	-	-	-	<0.500
Dibromochloromethane	100		<0.500	-	-	-	-	<0.500
Tetrachloroethene	5		<0.500	-	-	-	-	<0.500
Trichloroethene	5		<0.500	-	-	-	-	180
Vinyl chloride	2		<2.00	-	-	-	-	6.77
cis-1,2-Dichloroethene	70		<0.500	-	-	-	-	112
trans-1,2-Dichloroethene	100		<0.500	-	-	-	-	16.9
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.5	<10.4	<10.9	<10.5	<10.1	<10.3
Acenaphthene	6130		<10.5	<10.4	<10.9	<10.5	<10.1	<10.3
Butyl benzyl phthalate	NA		<10.5	7.63 JQ	4.92 JQ	15.9	8.54 JQ	38.4
Di-n-butylphthalate	10200		<10.5	<10.4	<10.9	<10.5	<10.1	<10.3
Diethylphthalate	81800		<10.5	<10.4	<10.9	<10.5	1.44 JQ	<10.3

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

	MCL/MSC	Sample ID :	LF04-4B	LF04-4D	LF04-4E	LF04-4F	LF05-5C	LF05-5D
		Sample Date :	17-OCT-95	18-OCT-95	18-OCT-95	21-OCT-95	19-OCT-95	19-OCT-95
		Notes :						
PARAMETER/METHOD(UNITS)								
Naphthalene	4090		<10.5	<10.4	<10.9	<10.5	<10.1	<10.3
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Phenanthrene	NA		<10.5	<10.4	<10.9	<10.5	<10.1	<10.3
Phenol	61300		<10.5	<10.4	<10.9	<10.5	<10.1 R	<10.3 R
bis(2-Ethylhexyl)phthalate	20.4		<10.5	<10.4	<10.9	4.21 JQ	<10.1	<10.3

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use
☐ Results in boxes exceed the MCL/MSC concentration

TABLE H-1
POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	LF05-5G 21-OCT-95	FT08-11A 19-OCT-95	FT08-11B 19-OCT-95	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12B 18-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		700	2760	<500	4370	5410	<500
Barium	2000		180	141	119	110	113	141
Calcium	NA		184000	161000	131000	143000	150000	135000
Iron	NA		1050	2140	3200	4160	5140	1550
Magnesium	NA		16700	8900	8220	4520	4740	4790
Manganese	NA		188	244	1060	127	137	767
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		2060	2960	1060	1650	1910	<600
Sodium	NA		92100	18400	60800	14200	14200	20200
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		<10.0	<10.0	<10.0	14.0	17.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	9.40	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	<25.0	<5.00	<5.00	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Toluene	1000		5.65 JQ	-	-	-	-	-
Trichloroethene	5		463	-	-	-	-	-
Xylenes (total)	10000		13.0 JQ	-	-	-	-	-
cis-1,2-Dichloroethene	70		165	-	-	-	-	-
trans-1,2-Dichloroethene	100		<25.0	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		-	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	5		-	<0.500	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	100		-	<0.500	<0.500	<0.500	<0.500	<0.500
Bromoform	100		-	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon disulfide	10200		-	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100		-	<0.500	<0.500	<0.500	<0.500	<0.500
Chloroform	100		-	<0.500	<0.500	<0.500	<0.500	<0.500
Dibromochloromethane	100		-	<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	5		-	<0.500	<0.500	<0.500	<0.500	11.4 JH
Trichloroethene	5		-	6.50	5.08	<0.500	<0.500	28.2
Vinyl chloride	2		-	<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	70		-	8.95	4.41	<0.500	<0.500	6.35
trans-1,2-Dichloroethene	100		-	0.884	0.596	<0.500	<0.500	1.65
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.5	<11.0	<10.3	<10.5	<10.3	<10.4
Acenaphthene	6130		1.96 JQ	<11.0	<10.3	<10.5	<10.3	<10.4
Butyl benzyl phthalate	NA		12.3	2.81 JQ	4.93 JQ	2.84 JQ	3.88 JQ	34.9
Di-n-butylphthalate	10200		<10.5	<11.0	<10.3	<10.5	<10.3	<10.4
Diethylphthalate	81800		<10.5	<11.0	<10.3	<10.5	<10.3	<10.4

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	LF05-5G 21-OCT-95	FT08-11A 19-OCT-95	FT08-11B 19-OCT-95	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12B 18-OCT-95
Naphthalene	4090		1.00 JQ	<11.0	<10.3	<10.5	<10.3	<10.4
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Phenanthrene	NA		<10.5	<11.0	<10.3	<10.5	<10.3	<10.4
Phenol	61300		<10.5	<11.0	<10.3 R	<10.5	<10.3	<10.4
bis(2-Ethylhexyl)phthalate	20.4		<10.5	<11.0	<10.3	<10.5	<10.3	<10.4

Data Qualification Flags/Notes:
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☐ Results in boxes exceed the MCL/MSC concentration

TABLE H-1
POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	FT09-12C	
		Sample Date :	18-OCT-95	
		Notes :		
METALS, TOTAL BY ICP/SW6010 (ug/L)				
Aluminum	NA		3060	
Barium	2000		151	
Calcium	NA		193000	
Iron	NA		6360	
Magnesium	NA		7100	
Manganese	NA		2730	
Molybdenum	NA		<50.0	
Potassium	NA		1110	
Sodium	NA		24900	
Vanadium	NA		<50.0	
Zinc	NA		12.0	
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)				
Arsenic	50		8.31	
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)				
Lead	15		<5.00	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)				
Toluene	1000		-	
Trichloroethene	5		-	
Xylenes (total)	10000		-	
cis-1,2-Dichloroethene	70		-	
trans-1,2-Dichloroethene	100		-	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)				
1,1-Dichloroethane	10200		0.435	
Benzene	5		0.807	
Bromodichloromethane	100		<0.500	
Bromoform	100		<1.00	
Carbon disulfide	10200		<1.00	
Chlorobenzene	100		<0.500	
Chloroform	100		<0.500	
Dibromochloromethane	100		<0.500	
Tetrachloroethene	5		0.192	JQ
Trichloroethene	5		0.821	
Vinyl chloride	2		3.64	
cis-1,2-Dichloroethene	70		21.8	
trans-1,2-Dichloroethene	100		0.198	JQ
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)				
2-Methylnaphthalene	NA		<10.3	
Acenaphthene	6130		<10.3	
Butyl benzyl phthalate	NA		7.01	JQ
Di-n-butylphthalate	10200		<10.3	
Diethylphthalate	81800		<10.3	

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes :	FT09-12C 18-OCT-95
Naphthalene	4090		<10.3
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.			
Phenanthrene	NA		<10.3
Phenol	61300		<10.3
bis(2-Ethylhexyl)phthalate	20.4		<10.3

Data Qualification Flags/Notes:
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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes :	ST14-01 18-OCT-95	ST14-02 21-OCT-95	ST14-03 18-OCT-95	ST14-04 21-OCT-95	ST14-W05 19-OCT-95	ST14-W06 19-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		3770	1080	21900	25400	<500	5760
Barium	2000		222	118	241	1870	215	269
Beryllium	4		<3.00	<3.00	<3.00	19.0	<3.00	<3.00
Calcium	NA		181000	133000	292000	482000	119000	283000
Chromium	100		63.0	<50.0	<50.0	214	<50.0	<50.0
Cobalt	NA		<50.0	<50.0	<50.0	94.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	368	<50.0	<50.0
Iron	NA		23600	13200	30300	58600	2760	6260
Magnesium	NA		7980	6490	10200	60600	7180	8590
Manganese	NA		585	358	571	687	1290	4230
Molybdenum	NA		<50.0	<50.0	<50.0	118	<50.0	<50.0
Nickel	100		50.0	<50.0	<50.0	248	<50.0	<50.0
Potassium	NA		3290	2540	5330	28900	4960	8390
Sodium	NA		18900	22200	25200	136000	21100	21500
Vanadium	NA		<50.0	<50.0	95.0	666	<50.0	<50.0
Zinc	NA		20.0	<10.0	91.0	896	21.0	40.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		64.8	8.73	9.43	9.28	7.56	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		10.9	5.03	27.9	67.2	<25.0	5.91
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	14.3	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	<0.500	0.671	<0.500
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	2.89	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	0.670	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.5	<10.5	<10.0	15.6	<10.8	<11.0
Butyl benzyl phthalate	NA		27.7	11.9	8.89 JQ	<10.2	6.60 JQ	5.43 JQ
Dibenzofuran	NA		<10.5	<10.5	<10.0	1.75 JQ	<10.8	<11.0
Diethylphthalate	81800		<10.5	<10.5	<10.0	<10.2	<10.8	<11.0
Naphthalene	4090		<10.5	<10.5	<10.0	<10.2	<10.8	<11.0
Phenol	61300		6.24 JQ	<10.5	<10.0	<10.2	<10.8	<11.0 R
Pyrene	3070		<10.5	4.29 JQ	<10.0	<10.2	<10.8	<11.0
bis(2-Ethylhexyl)phthalate	20.4		<10.5	<10.5	7.45 JQ	<10.2	<10.8	<11.0

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	ST14-W07 19-OCT-95	ST14-W08 19-OCT-95	ST14-W09 18-OCT-95	ST14-W11 20-OCT-95	ST14-W13 20-OCT-95	ST14-W15 20-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		25200	9290	17900	2860	11700	9200
Barium	2000		294	97.0	246	112	212	296
Beryllium	4		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Calcium	NA		616000	176000	384000	213000	220000	255000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		22100	12600	21500	3690	23100	54400
Magnesium	NA		14200	8930	11200	6990	9340	10100
Manganese	NA		447	554	610	216	435	550
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0	55.0
Potassium	NA		12200	2560	4650	2870	5770	6410 JH
Sodium	NA		20200	25700	16300	26300	19000	18700
Vanadium	NA		72.0	<50.0	<50.0	<50.0	62.0	111
Zinc	NA		117	32.0	49.0	19.0	112	218
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	12.6	<5.00	<5.00	<5.00	7.38
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		23.8	13.9	11.0	<5.00	19.5	31.4
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	6.56 JL	<0.500	<0.500	<0.500
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	7.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	2.67	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.8	<11.0	<11.2	<11.1	<10.3	<10.0
Butyl benzyl phthalate	NA		8.99 JQ	12.9	12.6	2.51 JQ	3.57 JQ	11.6
Dibenzofuran	NA		<10.8	<11.0	<11.2	<11.1	<10.3	<10.0
Diethylphthalate	81800		<10.8	<11.0	<11.2	<11.1	3.67 JQ	<10.0
Naphthalene	4090		<10.8	<11.0	<11.2	2.78 JQ	1.65 JQ	<10.0
Phenol	61300		<10.8 R	<11.0 R	<11.2	<11.1	<10.3	<10.0
Pyrene	3070		<10.8	<11.0	<11.2	<11.1	<10.3	<10.0
bis(2-Ethylhexyl)phthalate	20.4		<10.8	<11.0	<11.2	<11.1	<10.3	<10.0

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16
METALS, TOTAL BY ICP/SW6010 (ug/L)				
Aluminum	NA		1770	1620
Barium	2000		140	137
Beryllium	4		<3.00	<3.00
Calcium	NA		164000	156000
Chromium	100		<50.0	<50.0
Cobalt	NA		<50.0	<50.0
Copper	NA		<50.0	<50.0
Iron	NA		35800	32500
Magnesium	NA		6970	6820
Manganese	NA		450	422
Molybdenum	NA		<50.0	<50.0
Nickel	100		<50.0	<50.0
Potassium	NA		2220 JH	2240 JH
Sodium	NA		26200	25900
Vanadium	NA		<50.0	<50.0
Zinc	NA		50.0	45.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)				
Arsenic	50		30.3	30.9
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)				
Lead	15		86.8	88.9
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)				
Benzene	5		80.3	61.9
Ethylbenzene	700		1.78 JQ	1.32 JQ
Trichloroethene	5		<4.00	<2.50
Vinyl chloride	2		<16.0	<10.0
cis-1,2-Dichloroethene	70		<4.00	<2.50
trans-1,2-Dichloroethene	100		<4.00	<2.50
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)				
2-Methylnaphthalene	NA		3.03 JQ	3.80 JQ
Butyl benzyl phthalate	NA		4.07 JQ	6.32 JQ
Dibenzofuran	NA		<11.0	<11.0
Diethylphthalate	81800		<11.0	<11.0
Naphthalene	4090		9.76 JQ	11.4
Phenol	61300		2.10 JQ	3.26 JQ
Pyrene	3070		<11.0	<11.0
bis(2-Ethylhexyl)phthalate	20.4		5.36 JQ	9.18 JQ

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	BSSA 19-OCT-95	FDUP-2 19-OCT-95 Duplicate of BSSA	BSSB 17-OCT-95	MW-5 17-OCT-95	MW-7 17-OCT-95	MW-8 19-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		1820	2410	<500	<500	799	1000
Barium	2000		187	192	130	124	93.0	158
Beryllium	4		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	5		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	NA		153000	162000	149000	113000	152000	138000
Iron	NA		5220	6650	27600	5430	744	1130
Magnesium	NA		6720	6890	11600	4960	19200	8260
Manganese	NA		598	637	588	434	96.0	996
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		1320	1450	920	6320	1580	736
Sodium	NA		56400	56800	71900	30400	74700	38800
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		197	210	<10.0	<10.0	<10.0	15.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	60.0	50.5	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	5.38	<25.0	<25.0	<25.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	1660	-	-	-
Ethylbenzene	700		-	-	1510	-	-	-
Toluene	1000		-	-	14900	-	-	-
Xylenes (total)	10000		-	-	7160	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	<0.500	-	134	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	-	386	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	-	<4.00	<0.500	<0.500
Toluene	1000		<0.500	<0.500	-	26.8	<0.500	<0.500
Trichloroethene	5		<0.500	1.04	-	<4.00	<0.500	<0.500
Xylenes (total)	10000		<1.00	<1.00	-	52.7	<1.00	<1.00
cis-1,2-Dichloroethene	70		<0.500	0.321 JQ	-	<4.00	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.6	<11.0	82.6 JQ	18.1	<10.2	<10.6
2-Methylphenol	NA		<10.6	<11.0	<100	<10.0	<10.2	<10.6
4-Methylphenol	NA		<10.6	<11.0	<100	<10.0	<10.2	<10.6
Benzoic acid	NA		<53.2 J	<55.0	<500	<50.0	<51.0	<53.2 J
Butyl benzyl phthalate	NA		7.53 JQ	25.6	<100	<10.0	<10.2	7.06 JQ
Di-n-butylphthalate	10200		<10.6	<11.0	<100	<10.0	<10.2	<10.6
Dibenzofuran	NA		<10.6	<11.0	<100	<10.0	<10.2	<10.6
Fluorene	4090		<10.6	<11.0	<100	<10.0	<10.2	<10.6
Naphthalene	4090		<10.6	<11.0	398	135	<10.2	<10.6

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID:	GMI04-01M	FDUP-1	GMI22-02M	GMI22-03M	GMI22-04M	GMI22-05M
		Sample Date:	21-OCT-95	21-OCT-95	20-OCT-95	20-OCT-95	20-OCT-95	17-OCT-95
		Notes:		Duplicate of GMI04-01M				
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		2540	2380	930	14700	1830	618
Barium	2000		118	106	99.0	183	202	134
Calcium	NA		208000	204000	110000	372000	148000	145000
Iron	NA		5770	5410	1630	20800	4160	2030
Magnesium	NA		7640	7400	5210	15100	8970	11600
Manganese	NA		1150	869	152	464	550	455
Potassium	NA		3090	2470	1560	8370 JH	2540	4200
Sodium	NA		25400	24600	4040	108000	125000	89800
Zinc	NA		14.0	14.0	<10.0	38.0	12.0	17.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	<5.00	5.37	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	<5.00	<5.00	9.37	<5.00	<25.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		1270	1280	-	-	361	-
Xylenes (total)	10000		<50.0	17.2 JQ	-	-	<25.0	-
cis-1,2-Dichloroethene	70		337	330	-	-	56.1	-
trans-1,2-Dichloroethene	100		<50.0	<50.0	-	-	8.00 JQ	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		-	-	0.842	<1.00	-	<0.500
Ethylbenzene	700		-	-	1.48	<1.00	-	<0.500
Tetrachloroethene	5		-	-	<0.500	12.7	-	<0.500
Toluene	1000		-	-	2.98	<1.00	-	<0.500
Trichloroethene	5		-	-	<0.500	22.9	-	<0.500
Vinyl chloride	2		-	-	<2.00	<4.00	-	<2.00
Xylenes (total)	10000		-	-	3.85	<2.00	-	<1.00
cis-1,2-Dichloroethene	70		-	-	<0.500	19.5	-	<0.500
trans-1,2-Dichloroethene	100		-	-	<0.500	28.5	-	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Butyl benzyl phthalate	NA		7.97 JQ	13.8	20.5	6.42 JQ	19.8	<10.4
Naphthalene	4090		<10.1	<11.5	<11.4	<10.9	0.536 JQ	<10.4
Phenol	61300		<10.1	<11.5	4.88 JQ	2.47 JQ	<10.9	<10.4
bis(2-Ethylhexyl)phthalate	20.4		<10.1	<11.5	<11.4	<10.9	<10.9	<10.4

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JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.
☐ Results in boxes exceed the MCL/MSC concentration

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes :	GMI22-06M 20-OCT-95	GMI22-07M 21-OCT-95	GMI22-08M 20-OCT-95	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	WP07-10B 19-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		8590	7210	4160 JH	5310 JL	4240	6370
Barium	2000		165	202	91.0	200	221	128
Calcium	NA		217000	117000	139000	185000	184000	178000
Iron	NA		20800	13100	9360	4540	3820	7400
Magnesium	NA		16300	13200	11100	5210	5140	6810
Manganese	NA		861	597	877	444	489	235
Potassium	NA		5410 JH	5600	5780	3160	3600	2560
Sodium	NA		173000	32600	34700	27100	28000	17500
Zinc	NA		37.0	20.0	16.0	11.0	11.0	19.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		5.00	<5.00	<5.00 JL	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		5.56	7.07	5.22	<5.00	<5.00	<25.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		-	-	-	-	-	957
Xylenes (total)	10000		-	-	-	-	-	<100
cis-1,2-Dichloroethene	70		-	-	-	-	-	167
trans-1,2-Dichloroethene	100		-	-	-	-	-	17.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		8.30	<0.500	<0.500	<0.500	<0.500	-
Ethylbenzene	700		5.55	<0.500	<0.500	<0.500	<0.500	-
Tetrachloroethene	5		<2.50	<0.500	<0.500	<0.500	<0.500	-
Toluene	1000		15.8	<0.500	<0.500	<0.500	<0.500	-
Trichloroethene	5		243	<0.500	<0.500	<0.500	<0.500	-
Vinyl chloride	2		<10.0	<2.00	<2.00	<2.00	<2.00	-
Xylenes (total)	10000		3.76 JQ	<1.00	<1.00	<1.00	<1.00	-
cis-1,2-Dichloroethene	70		37.4	<0.500	<0.500	<0.500	<0.500	-
trans-1,2-Dichloroethene	100		18.3	<0.500	<0.500	<0.500	<0.500	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Butyl benzyl phthalate	NA		25.4	2.84 JQ	1.33 JQ	<10.5	1.22 JQ	21.1
Naphthalene	4090		0.539 JQ	<10.5	<10.8	<10.5	<11.1	<10.5
Phenol	61300		8.45 JQ	1.53 JQ	8.04 JQ	<10.5	<11.1	<10.5
bis(2-Ethylhexyl)phthalate	20.4		<10.8	<10.5	<10.8	<10.5	<11.1	<10.5

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	WP07-10C 18-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)			
Aluminum	NA		2610
Barium	2000		135
Calcium	NA		171000
Iron	NA		15800
Magnesium	NA		11600
Manganese	NA		711
Potassium	NA		3450
Sodium	NA		49300
Zinc	NA		16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)			
Arsenic	50		29.2
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)			
Lead	15		<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)			
Trichloroethene	5		554
Xylenes (total)	10000		-
cis-1,2-Dichloroethene	70		-
trans-1,2-Dichloroethene	100		-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)			
Benzene	5		<4.00
Ethylbenzene	700		<4.00
Tetrachloroethene	5		<4.00
Toluene	1000		<4.00
Trichloroethene	5		-
Vinyl chloride	2		31.8
Xylenes (total)	10000		<8.00
cis-1,2-Dichloroethene	70		134
trans-1,2-Dichloroethene	100		13.4
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)			
Butyl benzyl phthalate	NA		19.3
Naphthalene	4090		<10.9
Phenol	61300		2.64 JQ
bis(2-Ethylhexyl)phthalate	20.4		5.39 JQ

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	SD13-01 21-OCT-95	SD13-02 17-OCT-95	SD13-03 21-OCT-95	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-06 18-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		1320	<500	1230	<500	<500	<500
Barium	2000		198	182	287	189	202	202
Calcium	NA		148000	128000	157000	128000	133000	164000
Iron	NA		17400	1930	16000	431 J	151 J	8750
Magnesium	NA		5510	5950	6660	4170	4400	10800
Manganese	NA		176	396	178	98.0	102	270
Potassium	NA		1130	2010	1320	2420 JH	2550 JH	1050
Sodium	NA		22500	20600	23300	22900	23700	23500
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		14.0	<10.0	10.0	26.0	19.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		45.9	6.95	39.2	<5.00	<5.00	8.28
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		7.55	<25.0	<5.00	<5.00	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	<5.00	-	-	-
Ethylbenzene	700		-	-	<5.00	-	-	-
Toluene	1000		-	-	<5.00	-	-	-
Trichloroethene	5		-	-	<5.00	-	-	-
Xylenes (total)	10000		-	-	<5.00	-	-	-
cis-1,2-Dichloroethene	70		-	-	<5.00	-	-	-
trans-1,2-Dichloroethene	100		-	-	<5.00	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Acetone	10200		<5.00	5.67	-	<5.00	<5.00	<5.00
Chloroform	100		<0.500	<0.500	-	<0.500	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	-	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	-	<0.500	<0.500	<0.500
cis-1,2-Dichloroethene	70		<0.500	<0.500	-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	-	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		19.8	<10.9	13.5	<10.0	<10.2	<10.6
4-Methylphenol	NA		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6
Acenaphthylene	NA		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6
Butyl benzyl phthalate	NA		22.3	<10.9	4.72 JQ	8.80 JQ	9.76 JQ	<10.6
Dibenzofuran	NA		2.00 JQ	<10.9	1.53 JQ	<10.0	<10.2	<10.6
Fluoranthene	4090		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6
Naphthalene	4090		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6
Phenanthrene	NA		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6
Phenol	61300		<11.1	<10.9	<10.6	6.32 JQ	2.76 JQ	<10.6
Pyrene	3070		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	SD13-01 21-OCT-95	SD13-02 17-OCT-95	SD13-03 21-OCT-95	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-06 18-OCT-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
bis(2-Ethylhexyl)phthalate	20.4		<11.1	<10.9	<10.6	<10.0	<10.2	<10.6

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POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	SD13-07 17-OCT-95	P3A 21-OCT-95	T3 20-OCT-95	T4A 19-OCT-95	T7 21-OCT-95	P6A 18-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		2090	<500	21800	752	<500	10900
Barium	2000		219	158	219	61.0	<20.0	147
Calcium	NA		180000	96300	240000	134000	93100	495000
Iron	NA		8360	604	50200	987	1010	16800
Magnesium	NA		6940	23000	15200	4430	11900	9250
Manganese	NA		675	941	2280	134	193	1180
Potassium	NA		1620	4020	8230	1170	5230	2860
Sodium	NA		26500	28200	34200	12600	33300	39300
Vanadium	NA		<50.0	<50.0	64.0	<50.0	<50.0	57.0
Zinc	NA		<10.0	<10.0	135	14.0	<10.0	39.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		161	<5.00	26.8	<25.0	<5.00	11.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-
Toluene	1000		-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Acetone	10200		<25.0	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	100		<2.50	<0.500	<0.500	<0.500	<0.500	0.396 JQ
Tetrachloroethene	5		<2.50	<0.500	<0.500	<0.500	<0.500	0.179 JQ
Trichloroethene	5		<2.50	1.11	6.76	20.5	0.662	0.659
cis-1,2-Dichloroethene	70		<2.50	<0.500	0.374 JQ	1.33	<0.500	0.500
trans-1,2-Dichloroethene	100		<2.50	<0.500	<0.500	<0.500	<0.500	0.698
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		493 JQ	<10.0	<10.2	<10.5	<10.6	<10.5
4-Methylphenol	NA		<1000	<10.0	<10.2	<10.5	<10.6	<10.5
Acenaphthylene	NA		33.3 JQ	<10.0	<10.2	<10.5	<10.6	<10.5
Butyl benzyl phthalate	NA		<1000	47.2	5.16 JQ	<10.5	43.5	<10.5
Dibenzofuran	NA		<1000	<10.0	<10.2	<10.5	<10.6	<10.5
Fluoranthene	4090		<1000	<10.0	<10.2	<10.5	<10.6	<10.5
Naphthalene	4090		<1000	<10.0	<10.2	<10.5	<10.6	<10.5
Phenanthrene	NA		<1000	<10.0	<10.2	<10.5	<10.6	<10.5
Phenol	61300		<1000	<10.0	6.35 JQ	<10.5	<10.6	<10.5
Pyrene	3070		<1000	<10.0	<10.2	<10.5	<10.6	<10.5

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	SD13-07	P3A	T3	T4A	T7	P6A
		Sample Date :	17-OCT-95	21-OCT-95	20-OCT-95	19-OCT-95	21-OCT-95	18-OCT-95
		Notes :						
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
bis(2-Ethylhexyl)phthalate	20.4		<1000	<10.0	<10.2	<10.5	<10.6	<10.5

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JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.
☐ Results in boxes exceed the MCL/MSC concentration

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	LSA1628-1	LSA1628-2	LSA1628-3
		Sample Date :	20-OCT-95	21-OCT-95	20-OCT-95
		Notes :			
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	NA		319	<500	<500
Barium	2000		349	613	465
Calcium	NA		82100	81400	125000
Iron	NA		9980	8130	3970
Magnesium	NA		18600	16900	15000
Manganese	NA		595	376	2690
Potassium	NA		5720	1680	1920 JH
Sodium	NA		143000	170000	67300
Vanadium	NA		<50.0	<50.0	<50.0
Zinc	NA		17.0	<10.0	32.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	50		47.1	36.9	24.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	15		25.8	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
Benzene	5		344	1350	<5.00
Ethylbenzene	700		95.2	162	<5.00
Toluene	1000		978	<50.0	<5.00
Trichloroethene	5		<50.0	26.4 JQ	145
Xylenes (total)	10000		1120	131	<5.00
cis-1,2-Dichloroethene	70		<50.0	<50.0	29.8
trans-1,2-Dichloroethene	100		<50.0	22.6 JQ	14.2
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
Acetone	10200		-	-	-
Chloroform	100		-	-	-
Tetrachloroethene	5		-	-	-
Trichloroethene	5		-	-	-
cis-1,2-Dichloroethene	70		-	-	-
trans-1,2-Dichloroethene	100		-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
2-Methylnaphthalene	NA		561	92.4	<10.3
4-Methylphenol	NA		36.0 JQ	<53.8	<10.3 JL
Acenaphthylene	NA		<110	<53.8	<10.3
Butyl benzyl phthalate	NA		201	162	5.47 JQ
Dibenzofuran	NA		<110	6.50 JQ	<10.3
Fluoranthene	4090		10.2 JQ	<53.8	<10.3
Naphthalene	4090		1150	72.4	<10.3
Phenanthrene	NA		16.4 JQ	<53.8	<10.3
Phenol	61300		<110	12.8 JQ	<10.3
Pyrene	3070		11.5 JQ	<53.8	<10.3

POSITIVE RESULTS SUMMARY TABLE
THIRD QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID:	LSA1628-1	LSA1628-2	LSA1628-3
		Sample Date:	20-OCT-95	21-OCT-95	20-OCT-95
		Notes:			
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	20.4		1150	626	6.72 JQ

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JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.
[ ] Results in boxes exceed the MCL/MSC concentration

Prepared By: JLP

Checked By: SDM

APPENDIX H-2

FOURTH QUARTER POSITIVE RESULTS SUMMARY TABLE

TABLE H-2
POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID: Sample Date: Notes:	LF01-1A 12-JAN-96	LF01-1C 12-JAN-96	LF01-1D 12-JAN-96	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E	LF04-04 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		1250	7840	<500	2640	2640	<500
Barium	2000		110	219	90.0	596	502	75.0
Calcium	NA		115000	167000	156000	138000	140000	144000
Iron	NA		6260	21500	1410	4210	4580	109
Magnesium	NA		7140	10900	8580	8980	8940	7410
Manganese	NA		314	1210	222	12700	11200	70.0
Potassium	NA		2560	1750	2020	831	836	1770
Sodium	NA		24900	32700	26800	19700	19800	24400
Zinc	NA		43.0	12.0	<10.0	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	20.9	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	5.17	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)								
Mercury	2		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		-	-	-	-	-	<100
cis-1,2-Dichloroethene	70		-	-	-	-	-	359
trans-1,2-Dichloroethene	100		-	-	-	-	-	<100
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		0.265 JQ	<0.500	<0.500	<0.500	<0.500	-
Bromodichloromethane	100		1.40	<0.500	<0.500	<0.500	<0.500	-
Chlorobenzene	100		0.608	<0.500	<0.500	<0.500	<0.500	-
Chloroform	100		0.781	<0.500	<0.500	<0.500	<0.500	-
Dibromochloromethane	100		1.24	<0.500	<0.500	<0.500	<0.500	-
Trichloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Acenaphthene	6130		<10.8	3.07 JQ	1.07 JQ	<10.0	<10.4	<10.2
Butyl benzyl phthalate	NA		47.1	5.20 JQ	9.50 JQ	5.18 JQ	9.60 JQ	38.8
Di-n-butylphthalate	10200		0.600 JQ	<10.2	<11.4	<10.0	<10.4	0.652 JQ
Fluorene	4090		<10.8	0.467 JQ	<11.4	<10.0	<10.4	<10.2
Phenanthrene	NA		<10.8	2.75 JL	<11.4	<10.0 JL	<10.4 JL	<10.2
Phenol	61300		43.7	<10.2	<11.4	<10.0	<10.4	<10.2
bis(2-Ethylhexyl)phthalate	20.4		4.42 JQ	<10.2	<11.4	<10.0	<10.4	<10.2

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[ ] Results in boxes exceed the MCL/MSC concentration

TABLE H-2
POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	LF04-10 13-JAN-96	LF04-4A 13-JAN-96	LF04-4B 13-JAN-96	LF04-4D 15-JAN-96	LF04-4E 14-JAN-96	LF04-4F 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		636	7150	<500	910	1030	1690
Barium	2000		117	108	97.0	193	102	74.0
Calcium	NA		179000	171000	124000	165000	157000	162000
Iron	NA		1180	8710	425	2800	2300	3450
Magnesium	NA		5950	6480	5480	8270	6010	5830
Manganese	NA		103	989	119	1610	479	117
Potassium	NA		802	2580	1290	2000	1670	1500
Sodium	NA		25600	35100	39100	24600	19900	20000
Zinc	NA		<10.0	42.0	25.0	10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	5.56	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)								
Mercury	2		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		-	-	-	1330	1530	1950
cis-1,2-Dichloroethene	70		-	-	-	366	326	366
trans-1,2-Dichloroethene	100		-	-	-	9.61 JQ	<50.0	<100
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	<0.500	<0.500	-	-	-
Bromodichloromethane	100		<0.500	<0.500	<0.500	-	-	-
Chlorobenzene	100		<0.500	<0.500	<0.500	-	-	-
Chloroform	100		<0.500	<0.500	<0.500	-	-	-
Dibromochloromethane	100		<0.500	<0.500	<0.500	-	-	-
Trichloroethene	5		<0.500	0.399 JQ	<0.500	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Acenaphthene	6130		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2
Butyl benzyl phthalate	NA		31.0	3.78 JQ	<10.0	<10.2	12.7	9.92 JQ
Di-n-butylphthalate	10200		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2
Fluorene	4090		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2
Phenanthrene	NA		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2
Phenol	61300		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2
bis(2-Ethylhexyl)phthalate	20.4		<10.0	<11.1	<10.0	<10.2	<10.2	<10.2

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TABLE H-2
POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID: / Sample Date: / Notes:	LF05-02 13-JAN-96	LF05-18 13-JAN-96	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C	LF05-5D 14-JAN-96	LF05-5G 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		<500	1610	<500	<500	<500	12400
Barium	2000		177	181	229	229	202	199
Calcium	NA		118000	197000	138000	139000	143000	269000
Iron	NA		3040	2390	936	907	2980	15400
Magnesium	NA		6680	10100	6870	6890	9320	16900
Manganese	NA		1020	124	893	879	3260	559
Potassium	NA		1560	2020	1610	1630	7240	4280
Sodium	NA		18700	45100	22300	22300	20100	58900
Zinc	NA		<10.0	16.0	<10.0	<10.0	<10.0	28.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		8.46	<5.00	<5.00	<5.00	9.03	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	<5.00	<5.00	<5.00	<5.00	14.7
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)								
Mercury	2		<0.500	0.651	<0.500	<0.500	<0.500	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		<50.0	<50.0	939	879	1110	702
cis-1,2-Dichloroethene	70		604	308	244	228	386	248
trans-1,2-Dichloroethene	100		57.7	<50.0	19.2 JQ	16.4 JQ	67.8	8.75 JQ
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		-	-	-	-	-	-
Bromodichloromethane	100		-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-
Chloroform	100		-	-	-	-	-	-
Dibromochloromethane	100		-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Acenaphthene	6130		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5
Butyl benzyl phthalate	NA		<10.4	19.8	39.1	40.1	44.9	8.19 JQ
Di-n-butylphthalate	10200		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5
Fluorene	4090		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5
Phenanthrene	NA		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5
Phenol	61300		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5
bis(2-Ethylhexyl)phthalate	20.4		<10.4	<10.6	<10.4	<10.3	<10.2	<10.5

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	FT08-11A 14-JAN-96	FT08-11B 14-JAN-96	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A	FT09-12B 14-JAN-96	FT09-12C 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		2520	<500	7540	6170	<500	2010
Barium	2000		156	116	127	131	128	165
Calcium	NA		182000	146000	186000	179000	131000	193000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		2440	3210	8680	7920	1130	5250
Magnesium	NA		9760	8410	5570	5300	4540	7560
Manganese	NA		170	1040	152	145	588	2940
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		3110	1120	2630	2370	<600	951
Sodium	NA		21500	48100	15200	14800	20500	27400
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		<10.0	<10.0	15.0	16.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	10.6	<5.00	<5.00	<5.00	6.79
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		5.89	<5.00	<5.00	<5.00	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	<0.500	0.517
Benzene	5		<0.500	0.201 JQ	<0.500	<0.500	0.351 JQ	1.56
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	13.7	0.323 JQ
Toluene	1000		<0.500	0.296 JQ	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		5.76	37.4	<0.500	<0.500	37.2	1.43
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	<2.00	6.08
cis-1,2-Dichloroethene	70		8.39	29.0	<0.500	<0.500	10.7	26.9
trans-1,2-Dichloroethene	100		0.834	4.24	<0.500	<0.500	6.07	0.337 JQ
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
1,2-Dichlorobenzene	600		<10.5	<10.2	<10.4	<10.4	<10.4	1.98 JQ
Butyl benzyl phthalate	NA		<10.5	45.6	1.19 JQ	2.56 JQ	41.7	4.47 JQ
Diethylphthalate	81800		<10.5	<10.2	<10.4	<10.4	<10.4	<10.4
Phenol	61300		<10.5	<10.2	<10.4	<10.4	<10.4	5.94 JQ

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	ST14-01 11-JAN-96	ST14-02 13-JAN-96	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03	ST14-04 13-JAN-96	ST14-W05 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		6800	6630	28000	21600	16900	4360
Barium	2000		390	153	308	235	301	312
Calcium	NA		251000	211000	377000	287000	366000	179000
Chromium	100		93.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		84900	28500	39900 J	29200 J	41600	8130
Magnesium	NA		8990	8100	12200	10800	10500	8240
Manganese	NA		1020	519	670	524	553	1560
Nickel	100		59.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		4230	3250	6330	5630	4740	5640
Sodium	NA		20200	23200	27800	27000	29300	25800
Vanadium	NA		72.0	52.0	136	93.0	91.0	<50.0
Zinc	NA		28.0	55.0	115 J	75.0 J	102	13.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		173	6.04	13.5	8.55	19.5	9.18
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		22.4	29.5	32.6	23.8	35.5	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	5		<0.500	2.53	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	1000		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
1,2-Dichlorobenzene	600		<11.1	<10.0	<10.0	<10.6	<11.2	<10.3
Butyl benzyl phthalate	NA		23.0	3.48 JQ	2.96 JQ	5.53 JQ	21.7	2.72 JQ
Diethylphthalate	81800		<11.1	<10.0	<10.0	<10.6	<11.2	<10.3
Phenol	61300		<11.1	<10.0	<10.0	<10.6	<11.2	<10.3

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID: / Sample Date: / Notes:	ST14-W06 11-JAN-96	ST14-W07 12-JAN-96	ST14-W08 12-JAN-96	ST14-W09 13-JAN-96	ST14-W11 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	NA		1430	27000	10800	18000	4470
Barium	2000		230	291	109	255	122
Calcium	NA		162000	510000	176000	352000	253000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		2370	22300	14100	19900	5320
Magnesium	NA		8110	14300	9420	11500	7410
Manganese	NA		1690	413	636	422	200
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		5790	10400	2720	5950	2610
Sodium	NA		23000	22000	27100	17100	26500
Vanadium	NA		<50.0	76.0	<50.0	<50.0	<50.0
Zinc	NA		11.0	100	40.0	52.0	58.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.00	<5.00	16.2	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.00	22.8	14.1	11.6	5.07
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	5		<0.500	<0.500	0.411 JQ	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	0.153 JQ	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	1000		<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	1.50	<0.500
Vinyl chloride	2		<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	0.809	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2-Dichlorobenzene	600		<10.2	<10.0	<10.2	<10.0	<10.0
Butyl benzyl phthalate	NA		4.40 JQ	15.2	18.2	1.87 JQ	2.56 JQ
Diethylphthalate	81800		<10.2	<10.0	<10.2	<10.0	<10.0
Phenol	61300		<10.2	11.1	<10.2	<10.0	<10.0

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FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	ST14-W13 11-JAN-96	ST14-W15 13-JAN-96	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16	ST14-W19 12-JAN-96	ST14-W20 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		7030	31700	1460	1690	4120	1220 J
Barium	2000		143	330	119	124	188	150
Calcium	NA		172000	293000	159000	160000	162000	139000
Chromium	100		<50.0	54.0	<50.0	<50.0	<50.0	<50.0
Cobalt	NA		<50.0	<50.0	72.0	74.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		16900	97200	43800	45800	19700	13200
Magnesium	NA		8480	13800	6800	6810	6370	5360
Manganese	NA		322	670	395	424	236	219 J
Nickel	100		<50.0	66.0	<50.0	63.0	<50.0	<50.0
Potassium	NA		4560	9180	1640	1680	1900	1160
Sodium	NA		21400	19800	25700	24800	24300	22300
Vanadium	NA		<50.0	242	<50.0	<50.0	<50.0	<50.0
Zinc	NA		43.0	225	33.0	42.0	64.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	38.8	43.3	28.5	52.8 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		10.8	47.5	159	185	23.6	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-
Toluene	1000		-	-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	<0.500	1.58	1.52	77.8	<0.500
Chloroform	100		<0.500	<0.500	<0.500	<0.500	<2.00	<0.500
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	22.9	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	<2.00	<0.500
Toluene	1000		<0.500	<0.500	<0.500	<0.500	<2.00	0.275 JB
Xylenes (total)	10000		<1.00	<1.00	<1.00	<1.00	8.00	<1.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	<2.00	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.2	<10.9	3.70 JQ	4.23 JQ	34.9	<10.3
2-Methylphenol	NA		<10.2	<10.9	<10.5	<10.2	<10.5	<10.3
4-Methylphenol	NA		<10.2	<10.9	<10.5	<10.2	<10.5	<10.3
Acenaphthene	6130		<10.2	<10.9	<10.5	<10.2	0.759 JQ	<10.3
Butyl benzyl phthalate	NA		4.39 JQ	2.77 JQ	4.93 JQ	5.63 JQ	14.5	5.08 JQ
Di-n-butylphthalate	10200		<10.2	<10.9	<10.5	<10.2	0.893 JQ	<10.3
Dibenzofuran	NA		<10.2	<10.9	<10.5	<10.2	1.95 JQ	<10.3
Dimethylphthalate	NA		<10.2	<10.9	<10.5	<10.2	<10.5	<10.3
Fluorene	4090		<10.2	<10.9	<10.5	<10.2	0.446 JQ	<10.3

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	ST14-W13	ST14-W15	ST14-W16	FDUP-8	ST14-W19	ST14-W20
		Sample Date :	11-JAN-96	13-JAN-96	12-JAN-96	12-JAN-96	12-JAN-96	12-JAN-96
		Notes :				Duplicate of ST14-W16		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Naphthalene	4090		<10.2	<10.9	12.2	14.1	46.1	<10.3
Phenol	61300		<10.2	<10.9	<10.5	<10.2	<10.5	<10.3
bis(2-Ethylhexyl)phthalate	20.4		<10.2	<10.9	4.46 JQ	4.11 JQ	46.3	<10.3

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[ ] Results in boxes exceed the MCL/MSC concentration

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID:	FDUP-3	ST14-W21	ST14-W22	ST14-W23	BSSA	FDUP-2
		Sample Date:	12-JAN-96	12-JAN-96	12-JAN-96	11-JAN-96	10-JAN-96	10-JAN-96
		Notes:	Duplicate of ST14-W20					Duplicate of BSSA
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		3000 J	20100	10300	13700	16200	14200
Barium	2000		168	326	203	173	306	311
Calcium	NA		165000	460000	292000	318000	362000	391000
Chromium	100		<50.0	50.0	<50.0	<50.0	<50.0	67.0
Cobalt	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	50.0	59.0	60.0
Iron	NA		14200	82300	24100	11300	45700	49400
Magnesium	NA		5930	11200	10300	7290	10000	9980
Manganese	NA		299 J	1470	395	381	1760	1830
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0	58.0
Potassium	NA		1470	5020	4880	3460	3920	3510
Sodium	NA		20700	16400	23900	20400	57800	57700
Vanadium	NA		<50.0	110	50.0	<50.0	113	119
Zinc	NA		22.0	144	51.0	45.0	1300	1280
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		37.2 J	19.0	<5.00	<5.00	6.47	5.76
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		7.25	53.0	14.9	8.34	36.8	33.5
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-
Toluene	1000		-	-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chloroform	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	700		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	6.13	<0.500	<0.500	<0.500
Toluene	1000		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Xylenes (total)	10000		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	0.436 JQ	0.460 JQ
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
2-Methylphenol	NA		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
4-Methylphenol	NA		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Acenaphthene	6130		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Butyl benzyl phthalate	NA		11.4	19.9	12.0	3.08 JQ	<10.3	<10.2
Di-n-butylphthalate	10200		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Dibenzofuran	NA		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Dimethylphthalate	NA		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Fluorene	4090		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID:	FDUP-3	ST14-W21	ST14-W22	ST14-W23	BSSA	FDUP-2
		Sample Date:	12-JAN-96	12-JAN-96	12-JAN-96	11-JAN-96	10-JAN-96	10-JAN-96
		Notes:	Duplicate of ST14-W20					Duplicate of BSSA
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Naphthalene	4090		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2
Phenol	61300		<10.2	<11.1	<10.9	3.98 JQ	<10.3	<10.2
bis(2-Ethylhexyl)phthalate	20.4		<10.2	<11.1	<10.9	<11.0	<10.3	<10.2

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	BSSB 15-JAN-96	MW-5 15-JAN-96	MW-7 10-JAN-96	MW-8 10-JAN-96	MW-9 10-JAN-96	MW-10 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		1830	4580	<500	1640	<500	539
Barium	2000		142	144	95.0	146	138	234
Calcium	NA		154000	120000	162000	128000	170000	199000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		58300	5820	605	4060	4260	2940
Magnesium	NA		11600	5360	21400	7960	12600	14400
Manganese	NA		534	204	68.0	1310	3530	6550
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		1200	9000	1500	1290	<600	<600
Sodium	NA		75000	28900	101000	37500	82400	61200
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		<10.0	41.0	12.0	18.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		78.1	17.8	<5.00	17.7	<5.00	17.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		23.9	17.3	<5.00	<5.00	<5.00	11.1
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		930 JQ	-	-	-	-	5650 JH
Ethylbenzene	700		1590	-	-	-	-	3670
Toluene	1000		18200	-	-	-	-	7920
Xylenes (total)	10000		8060	-	-	-	-	10300
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Benzene	5		-	4.95	<0.500	<0.500	<0.500	-
Chloroform	100		-	0.586	<0.500	<0.500	<0.500	-
Ethylbenzene	700		-	16.4	<0.500	<0.500	<0.500	-
Tetrachloroethene	5		-	<0.500	<0.500	<0.500	<0.500	-
Toluene	1000		-	1.74	<0.500	<0.500	<0.500	-
Xylenes (total)	10000		-	2.78	<1.00	<1.00	<1.00	-
cis-1,2-Dichloroethene	70		-	<0.500	<0.500	<0.500	<0.500	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		176	<10.2	<10.3	<10.4	<11.1	59.5 JQ
2-Methylphenol	NA		14.7 JQ	<10.2	<10.3	<10.4	<11.1	<102
4-Methylphenol	NA		29.9 JQ	<10.2	<10.3	<10.4	<11.1	<102
Acenaphthene	6130		<106	<10.2	<10.3	<10.4	<11.1	<102
Butyl benzyl phthalate	NA		<106	<10.2	2.29 JQ	4.36 JQ	<11.1	29.4 JQ
Di-n-butylphthalate	10200		<106	<10.2	<10.3	<10.4	<11.1	<102
Dibenzofuran	NA		<106	<10.2	<10.3	<10.4	<11.1	<102
Dimethylphthalate	NA		109	<10.2	<10.3	<10.4	<11.1	<102
Fluorene	4090		<106	<10.2	<10.3	<10.4	<11.1	<102

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	BSSB 15-JAN-96	MW-5 15-JAN-96	MW-7 10-JAN-96	MW-8 10-JAN-96	MW-9 10-JAN-96	MW-10 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Naphthalene	4090		564	7.25 JB	<10.3	<10.4	<11.1	598
Phenol	61300		<106	<10.2	<10.3	<10.4	<11.1	<102
bis(2-Ethylhexyl)phthalate	20.4		<106	<10.2	<10.3	<10.4	<11.1	<102

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes :	MW-11 10-JAN-96	MW-12 10-JAN-96	GMI22-02M 13-JAN-96	GMI22-03M 14-JAN-96	GMI22-04M 14-JAN-96	GMI22-05M 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		932	<500	29800	41500	10700	<500
Barium	2000		129	88.0	251	365	265	149
Beryllium	4		<3.00	<3.00	<3.00	4.00	<3.00	<3.00
Calcium	NA		129000	157000	253000	945000	295000	154000
Chromium	100		<50.0	<50.0	<50.0	83.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	NA		4960	807	47100	71900	29800	1960
Magnesium	NA		8330	12300	11400	25200	11400	12100
Manganese	NA		276	347	1290	1080	1520	506
Potassium	NA		1240	858	6660	13900	3860	3890
Sodium	NA		59200	78000	7490	125000	134000	105000
Vanadium	NA		<50.0	<50.0	98.0	127	57.0	<50.0
Zinc	NA		10.0	<10.0	82.0	71.0	38.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		<5.00	<5.00	<5.00	12.7	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		<5.00	<5.00	28.2	33.3	9.12	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		-	-	-	-	463	-
cis-1,2-Dichloroethene	70		-	-	-	-	59.0	-
trans-1,2-Dichloroethene	100		-	-	-	-	4.66 JQ	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Chloroform	100		<0.500	<0.500	<0.500	<0.500	-	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	11.6	-	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	30.0	-	<0.500
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	24.1	-	0.508
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	43.2	-	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Butyl benzyl phthalate	NA		1.33 JQ	1.43 JQ	6.52 JQ	<10.8	<10.8	<10.9
bis(2-Ethylhexyl)phthalate	20.4		<10.4	<10.2	<10.5	<10.8	<10.8	<10.9

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FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	GMI22-06M 15-JAN-96	GMI22-07M 11-JAN-96	GMI22-08M 11-JAN-96	WP07-10B 15-JAN-96	WP07-10C 15-JAN-96	OT15C 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		31300	8490	5610 J	<500	<500	49600
Barium	2000		388	218	108	94.0	124	4560 JL
Beryllium	4		3.00	<3.00	<3.00	<3.00	<3.00	4.00
Calcium	NA		485000	129000	102000	145000	155000	846000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0	65.0
Copper	NA		<50.0	<50.0	<50.0	<50.0	<50.0	62.0
Iron	NA		82800	20700	12900	723	8980	44300
Magnesium	NA		21700	13300	10500	5910	11100	16200
Manganese	NA		2870	960	1010	63.0	518	1860
Potassium	NA		7540	4690	4590	1230	2320	8610
Sodium	NA		159000	32300	31400	16900	43500	28400
Vanadium	NA		152	<50.0	<50.0	<50.0	<50.0	102
Zinc	NA		79.0	28.0	20.0	<10.0	<10.0	98.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		6.75	<5.00	<5.00 JL	<5.00	25.4	<5.00 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		25.9	9.34	7.56	<5.00	<5.00	49.9
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Trichloroethene	5		-	-	-	2550	761	-
cis-1,2-Dichloroethene	70		-	-	-	268	193	-
trans-1,2-Dichloroethene	100		-	-	-	<100	<50.0	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
Chloroform	100		2.04 JQ	<0.500	<0.500	-	-	<0.500
Tetrachloroethene	5		<4.00	<0.500	<0.500	-	-	<0.500
Trichloroethene	5		340	<0.500	<0.500	-	-	<0.500
cis-1,2-Dichloroethene	70		48.9	<0.500	<0.500	-	-	<0.500
trans-1,2-Dichloroethene	100		38.4	<0.500	<0.500	-	-	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
Butyl benzyl phthalate	NA		15.2	<11.2	2.36 JQ	<10.4	41.1	15.4
bis(2-Ethylhexyl)phthalate	20.4		<10.2	<11.2	<10.9	<10.4	14.9	<10.4

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FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID / Sample Date / Notes	SD13-01 15-JAN-96	SD13-02 11-JAN-96	SD13-03 11-JAN-96	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05	SD13-06 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		3790	<500	<500	554	<500	<500
Barium	2000		223	187	414	171	183	204
Beryllium	4		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Calcium	NA		202000	146000	544000	133000	125000	136000
Chromium	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	NA		<50.0	<50.0	70.0	<50.0	<50.0	<50.0
Iron	NA		28100	3360	63600	1190 J	688 J	3190
Magnesium	NA		6540	6070	11900	4240	4100	9410
Manganese	NA		299	438	790	141	118	255
Molybdenum	NA		<50.0	<50.0	25600	<50.0	<50.0	<50.0
Nickel	100		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		1740	1960	4650	1770	1680	804
Sodium	NA		23800	21600	<250	21700	21300	23400
Vanadium	NA		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	NA		30.0	<10.0	108	26.0	19.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		32.3	24.5	25.0 JL	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		17.9	<5.00	69.3	<5.00	<5.00	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-
Toluene	1000		-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-
Vinyl chloride	2		-	-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	7		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chloroform	100		<0.500	<0.500	<0.500	0.214 JQ	<0.500	<0.500
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	5		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
cis-1,2-Dichloroethene	70		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		13.3	<11.1	<10.0	<11.1	<11.4	<11.4
Acenaphthene	6130		<11.6	<11.1	<10.0	0.960 JQ	<11.4	<11.4
Benz(a)anthracene	NA		<11.6	<11.1	<10.0	1.23 JQ	<11.4	<11.4
Butyl benzyl phthalate	NA		<11.6	<11.1	15.3	7.09 JQ	3.02 JQ	6.86 JQ
Dibenzofuran	NA		<11.6	<11.1	1.52 JQ	<11.1	<11.4	<11.4

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID Sample Date Notes	SD13-01 15-JAN-96	SD13-02 11-JAN-96	SD13-03 11-JAN-96	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05	SD13-06 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Isophorone	NA		<11.6	<11.1	12.9	<11.1	<11.4	<11.4
Naphthalene	4090		1.99 JB	<11.1	1.73 JQ	<11.1	<11.4	<11.4
Pyrene	3070		<11.6	<11.1	<10.0	1.08 JQ	<11.4	<11.4
bis(2-Ethylhexyl)phthalate	20.4		<11.6	<11.1	<10.0	<11.1	10.7 JQ	<11.4

Data Qualification Flags/Notes:
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JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID: Sample Date: Notes:	P3A 11-JAN-96	T3 10-JAN-96	T4A 14-JAN-96	T7 11-JAN-96	P6A 13-JAN-96	LSA1628-2 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)								
Aluminum	NA		47500	17800	1350	12100	<500	<500
Barium	2000		545	186	77.0	75.0	132	652
Beryllium	4		7.00	<3.00	<3.00	<3.00	10100	<3.00
Calcium	NA		509000	247000	183000	216000	329000	83500
Chromium	100		67.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	NA		81.0	<50.0	<50.0	50.0	<50.0	<50.0
Iron	NA		182000	44100	3480	69100	12900	9340
Magnesium	NA		42400	14700	4790	14600	8390	17300
Manganese	NA		5760	2200	242	3020	758	424
Molybdenum	NA		<50.0	<50.0	<50.0	<50.0	41400	<50.0
Nickel	100		118	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	NA		12500	5830	1400	7670	3090	1450
Sodium	NA		27300	33800	14400	33600	<250	156000
Vanadium	NA		317	76.0	<50.0	103	<50.0	<50.0
Zinc	NA		255	108	<10.0	67.0	27.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)								
Arsenic	50		1.68	<5.00	<5.00	1.50	<5.00	33.2
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)								
Lead	15		63.9	25.4	<5.00	14.8	7.18	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
Benzene	5		-	-	-	-	-	1020
Ethylbenzene	700		-	-	-	-	-	191
Toluene	1000		-	-	-	-	-	14.8 JQ
Trichloroethene	5		-	-	-	-	-	59.3
Vinyl chloride	2		-	-	-	-	-	55.0
Xylenes (total)	10000		-	-	-	-	-	97.3
cis-1,2-Dichloroethene	70		-	-	-	-	-	25.4 JQ
trans-1,2-Dichloroethene	100		-	-	-	-	-	52.3
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1-Dichloroethane	10200		<0.500	<0.500	<0.500	<0.500	0.254 JQ	-
1,1-Dichloroethene	7		<0.500	<0.500	<0.500	<0.500	0.575	-
Chloroform	100		<0.500	<0.500	<0.500	<0.500	0.369 JQ	-
Tetrachloroethene	5		<0.500	<0.500	<0.500	<0.500	0.180 JQ	-
Trichloroethene	5		<0.500	<0.500	10.5	<0.500	0.718	-
cis-1,2-Dichloroethene	70		<0.500	<0.500	0.509	<0.500	0.410 JQ	-
trans-1,2-Dichloroethene	100		<0.500	<0.500	<0.500	<0.500	<0.500	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
2-Methylnaphthalene	NA		<11.2	<12.0	<10.3	<10.5	<11.1	32.0 JQ
Acenaphthene	6130		<11.2	<12.0	<10.3	<10.5	<11.1	<105
Benz(a)anthracene	NA		<11.2	<12.0	<10.3	<10.5	<11.1	<105
Butyl benzyl phthalate	NA		<11.2	<12.0	<10.3	2.80 JQ	<11.1	189
Dibenzofuran	NA		<11.2	<12.0	<10.3	<10.5	<11.1	<105

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes :	P3A 11-JAN-96	T3 10-JAN-96	T4A 14-JAN-96	T7 11-JAN-96	P6A 13-JAN-96	LSA1628-2 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.								
Isophorone	NA		<11.2	<12.0	<10.3	<10.5	<11.1	<105
Naphthalene	4090		<11.2	<12.0	<10.3	<10.5	<11.1	53.9 JQ
Pyrene	3070		<11.2	<12.0	<10.3	<10.5	<11.1	<105
bis(2-Ethylhexyl)phthalate	20.4		<11.2	<12.0	<10.3	<10.5	<11.1	1030

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POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	LSA1628-3
		Sample Date :	14-JAN-96
		Notes :	
METALS, TOTAL BY ICP/SW6010 (ug/L)			
Aluminum	NA		1060
Barium	2000		374
Beryllium	4		<3.00
Calcium	NA		138000
Chromium	100		<50.0
Copper	NA		<50.0
Iron	NA		5460
Magnesium	NA		15100
Manganese	NA		3670
Molybdenum	NA		<50.0
Nickel	100		<50.0
Potassium	NA		1740
Sodium	NA		91000
Vanadium	NA		<50.0
Zinc	NA		18.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)			
Arsenic	50		18.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)			
Lead	15		<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)			
Benzene	5		-
Ethylbenzene	700		-
Toluene	1000		-
Trichloroethene	5		-
Vinyl chloride	2		-
Xylenes (total)	10000		-
cis-1,2-Dichloroethene	70		-
trans-1,2-Dichloroethene	100		-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)			
1,1-Dichloroethane	10200		<0.500
1,1-Dichloroethene	7		<0.500
Chloroform	100		<0.500
Tetrachloroethene	5		<0.500
Trichloroethene	5		34.8
cis-1,2-Dichloroethene	70		10.6
trans-1,2-Dichloroethene	100		7.74
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)			
2-Methylnaphthalene	NA		<11.0
Acenaphthene	6130		<11.0
Benz(a)anthracene	NA		<11.0
Butyl benzyl phthalate	NA		1.53 JQ
Dibenzofuran	NA		<11.0

POSITIVE RESULTS SUMMARY TABLE
FOURTH QUARTER GROUND-WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes :	LSA1628-3 / 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.			
Isophorone	NA		<11.0
Naphthalene	4090		<11.0
Pyrene	3070		<11.0
bis(2-Ethylhexyl)phthalate	20.4		<11.0

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JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
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R = Datum rejected based upon QC data: do not use.

Prepared By: JLP 3/26/96

Checked By: SDM 3/26/96

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TAB

APPENDIX I

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APPENDIX I

ANALYTICAL DATA SUMMARY TABLES

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		2100 JB	<500	2320	1250
Antimony	250		<250 J	<250	<250	<250
Barium	20.0		140 J	131	94.0	110
Beryllium	3.00		<3.0 J	<3.00	<3.00	<3.00
Cadmium	10.0		<10 J	<10.0	<10.0	<10.0
Calcium	100		140000 J	136000	87700	115000
Chromium	50.0		<50 J	<50.0	<50.0	<50.0
Cobalt	50.0		<50 J	<50.0	<50.0	<50.0
Copper	50.0		<50 J	<50.0	<50.0	<50.0
Iron	50.0		7900 J	6740	7840	6260
Magnesium	250		6800 J	6630	4510	7140
Manganese	10.0		420 J	452	254	314
Molybdenum	50.0		<50 J	<50.0	<50.0	<50.0
Nickel	50.0		<50 J	<50.0	<50.0	<50.0
Potassium	600		2000 J	1300	3220	2560
Silver	50.0		<50 J	<50.0	<50.0	<50.0
Sodium	250		25000 J	23700	15300	24900
Vanadium	50.0		<50 J	<50.0	<50.0	<50.0
Zinc	10.0		11 J	<10.0	49.0	43.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0 J	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0 J	<5.00	10.7	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50 J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0 J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0 J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	0.265 JQ
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	1.40
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	0.608

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	0.781
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	1.24
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.2 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	94	98.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		90	90	96.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		100	98	100.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.6	<10.8
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.6	<10.8
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.6	<10.8
1,4-Dichlorobenzene	10.0		<11	<10.0	<10.6	<10.8
2,4,5-Trichlorophenol	20.0		<21	<20.0	<21.3	<21.5
2,4,6-Trichlorophenol	10.0		<11	<10.0	<10.6	<10.8
2,4-Dichlorophenol	10.0		<11	<10.0	<10.6	<10.8
2,4-Dimethylphenol	10.0		<11	<10.0	<10.6 JL	<10.8
2,4-Dinitrophenol	50.0		<53	<50.0 J	<53.2 R	<53.8
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.6	<10.8
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.6	<10.8
2-Chloronaphthalene	10.0		<11	<10.0	<10.6	<10.8
2-Chlorophenol	10.0		<11	<10.0	<10.6	<10.8
2-Methylnaphthalene	10.0		<11	<10.0	<10.6	<10.8
2-Methylphenol	10.0		<11	<10.0	<10.6	<10.8
2-Nitroaniline	50.0		<53	<50.0	<53.2	<53.8
2-Nitrophenol	10.0		<11	<10.0	<10.6	<10.8
3,3'-Dichlorobenzidine	20.0		<21	<20.0	<21.3 J	<21.5
3-Nitroaniline	50.0		<53	<50.0	<53.2	<53.8

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<50.0	<53.2	<53.8
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.6	<10.8
4-Chloro-3-methylphenol	10.0		<11	<10.0	<10.6	<10.8
4-Chloroaniline	20.0		<21	<20.0 J	<21.3	<21.5 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.6	<10.8
4-Methylphenol	10.0		<11	<10.0	<10.6	<10.8
4-Nitroaniline	50.0		<53	<50.0 J	<53.2	<53.8
4-Nitrophenol	50.0		<53	<50.0	<53.2	<53.8
Acenaphthene	10.0		<11	<10.0	<10.6	<10.8
Acenaphthylene	10.0		<11	<10.0	<10.6	<10.8
Anthracene	10.0		<11	<10.0	<10.6	<10.8
Benz(a)anthracene	10.0		<11	<10.0	<10.6	<10.8
Benzo(a)pyrene	10.0		<11	<10.0	<10.6	<10.8
Benzo(b)fluoranthene	10.0		<11	<10.0	<10.6	<10.8
Benzo(g,h,i)perylene	10.0		<11	<10.0	<10.6	<10.8
Benzo(k)fluoranthene	10.0		<11	<10.0	<10.6	<10.8
Benzoic acid	50.0		<53 J	<50.0 J	<53.2	<53.8
Benzyl alcohol	20.0		<21	<20.0	<21.3	<21.5
Butyl benzyl phthalate	10.0		<11	<10.0	28.8	47.1
Chrysene	10.0		<11	<10.0	<10.6	<10.8
Di-n-butylphthalate	10.0		0.90	0.881 JQ	<10.6	0.600 JQ
Di-n-octylphthalate	10.0		<11	<10.0	<10.6	<10.8
Dibenz(a,h)anthracene	10.0		<11	<10.0	<10.6	<10.8
Dibenzofuran	10.0		<11	<10.0	<10.6	<10.8
Diethylphthalate	10.0		<11	<10.0	<10.6	<10.8
Dimethylphthalate	10.0		<11	<10.0	<10.6	<10.8
Fluoranthene	10.0		<11	<10.0	<10.6	<10.8
Fluorene	10.0		<11	<10.0	<10.6	<10.8
Hexachlorobenzene	10.0		<11	<10.0	<10.6	<10.8
Hexachlorobutadiene	10.0		<11	<10.0	<10.6	<10.8
Hexachlorocyclopentadiene	10.0		<11 J	<10.0 J	<10.6 R	<10.8 R
Hexachloroethane	10.0		<11	<10.0	<10.6 JL	<10.8
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.0	<10.6	<10.8
Isophorone	10.0		<11	<10.0	<10.6	<10.8
Naphthalene	10.0		<11	<10.0	<10.6	<10.8
Nitrobenzene	10.0		<11	<10.0	<10.6	<10.8
Pentachlorophenol	30.0		<32	<30.0	<31.9 R	<32.2
Phenanthrene	10.0		<11	<10.0	<10.6	<10.8
Phenol	10.0		<11	7.81 J	24.6	43.7
Pyrene	10.0		<11	<10.0	<10.6	<10.8
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.6	<10.8
bis(2-Chloroethyl)ether	10.0		<11 J	<10.0	<10.6	<10.8
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.6	<10.8

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1A 13-APR-95	LF01-1A 13-JUL-95	LF01-1A 20-OCT-95	LF01-1A 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.0	5.37 JQ	4.42 JQ
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.6	<10.8
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.6	<10.8
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		61	77	59.8	118.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		57	75	70.3	68.7
sur-2-Fluorophenol R% (21 - 100)	-		44	64	56.9	68.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		52	82	67.3	82.6
sur-Phenol-d6 R% (10 - 94)	-		29	71	58.8	73.3
sur-Terphenyl-d14 R% (38 - 141)	-		60	69	82.3	82.6

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1C 13-APR-95	LF01-1C 14-JUL-95	LF01-1C 20-OCT-95	LF01-1C 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	<500	7840
Antimony	250		<250	<250	<250	<250
Barium	20.0		180	134	145	219
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		160000	154000	155000	167000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		2100	11200	11200	21500
Magnesium	250		13000	9260	8860	10900
Manganese	10.0		670	1410	1580	1210
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		<600	<600	<600	1750
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		8800	26800	29300	32700
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	11.0	12.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		5.3	23.6	25.2	20.9
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	5.17
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1C 13-APR-95	LF01-1C 14-JUL-95	LF01-1C 20-OCT-95	LF01-1C 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.1 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	93	92.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		90	96	92.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		99	100	97.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<13	<10.2	<10.0	<10.2
1,2-Dichlorobenzene	10.0		<13	<10.2	<10.0	<10.2
1,3-Dichlorobenzene	10.0		<13	<10.2	<10.0	<10.2
1,4-Dichlorobenzene	10.0		<13	<10.2	<10.0	<10.2
2,4,5-Trichlorophenol	20.0		<26	<20.4	<20.0	<20.4
2,4,6-Trichlorophenol	10.0		<13	<10.2	<10.0	<10.2
2,4-Dichlorophenol	10.0		<13	<10.2	<10.0	<10.2
2,4-Dimethylphenol	10.0		<13	<10.2	<10.0 JL	<10.2 JL
2,4-Dinitrophenol	50.0		<64	<51.0 J	<50.0	<51.0
2,4-Dinitrotoluene	10.0		<13	<10.2	<10.0	<10.2
2,6-Dinitrotoluene	10.0		<13	<10.2	<10.0	<10.2
2-Chloronaphthalene	10.0		<13	<10.2	<10.0	<10.2
2-Chlorophenol	10.0		<13	<10.2	<10.0	<10.2
2-Methylnaphthalene	10.0		<13	4.56 JQ	2.52 JQ	<10.2
2-Methylphenol	10.0		<13	<10.2	<10.0	<10.2
2-Nitroaniline	50.0		<64	<51.0	<50.0	<51.0
2-Nitrophenol	10.0		<13	<10.2	<10.0	<10.2
3,3'-Dichlorobenzidine	20.0		<26	<20.4 J	<20.0	<20.4 J
3-Nitroaniline	50.0		<64	<51.0	<50.0	<51.0

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1C 13-APR-95	LF01-1C 14-JUL-95	LF01-1C 20-OCT-95	LF01-1C 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<64	<51.0	<50.0	<51.0
4-Bromophenyl phenyl ether	10.0		<13	<10.2	<10.0	<10.2
4-Chloro-3-methylphenol	10.0		<13	<10.2	<10.0	<10.2
4-Chloroaniline	20.0		<26	<20.4	<20.0 J	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<13	<10.2	<10.0	<10.2
4-Methylphenol	10.0		<13	<10.2	<10.0 JL	<10.2
4-Nitroaniline	50.0		<64	<51.0 J	<50.0	<51.0
4-Nitrophenol	50.0		<64	<51.0	<50.0	<51.0
Acenaphthene	10.0		<13	3.54 JQ	2.65 JQ	3.07 JQ
Acenaphthylene	10.0		<13	<10.2	<10.0	<10.2
Anthracene	10.0		<13	<10.2	<10.0	<10.2
Benz(a)anthracene	10.0		<13	<10.2	<10.0	<10.2
Benzo(a)pyrene	10.0		<13	<10.2	<10.0	<10.2
Benzo(b)fluoranthene	10.0		<13	<10.2	<10.0	<10.2
Benzo(g,h,i)perylene	10.0		<13	<10.2	<10.0	<10.2
Benzo(k)fluoranthene	10.0		<13	<10.2	<10.0	<10.2
Benzoic acid	50.0		<64 J	<51.0	<50.0	<51.0
Benzyl alcohol	20.0		<26	<20.4	<20.0	<20.4
Butyl benzyl phthalate	10.0		<13	4.77 JQ	37.4	5.20 JQ
Chrysene	10.0		<13	<10.2	<10.0	<10.2
Di-n-butylphthalate	10.0		<13	<10.2	<10.0	<10.2
Di-n-octylphthalate	10.0		<13	<10.2	<10.0	<10.2
Dibenz(a,h)anthracene	10.0		<13	<10.2	<10.0	<10.2
Dibenzofuran	10.0		<13	<10.2	<10.0	<10.2
Diethylphthalate	10.0		<13	<10.2	<10.0	<10.2
Dimethylphthalate	10.0		<13	<10.2	<10.0	<10.2
Fluoranthene	10.0		<13	<10.2	<10.0	<10.2
Fluorene	10.0		<13	0.384 JQ	<10.0	0.467 JQ
Hexachlorobenzene	10.0		<13	<10.2	<10.0	<10.2
Hexachlorobutadiene	10.0		<13	<10.2	<10.0	<10.2
Hexachlorocyclopentadiene	10.0		<13 J	<10.2	<10.0 R	<10.2 R
Hexachloroethane	10.0		<13	<10.2	<10.0	<10.2 JL
Indeno(1,2,3-cd)pyrene	10.0		<13	<10.2	<10.0	<10.2
Isophorone	10.0		<13	<10.2	<10.0	<10.2
Naphthalene	10.0		<13	0.872 JQ	<10.0	<10.2
Nitrobenzene	10.0		<13	<10.2	<10.0	<10.2
Pentachlorophenol	30.0		<38	<30.6	<30.0 R	<30.6
Phenanthrene	10.0		<13	2.34 JQ	2.47 JQ	2.75 JL
Phenol	10.0		<13	<10.2	<10.0	<10.2
Pyrene	10.0		<13	<10.2	<10.0	<10.2
bis(2-Chloroethoxy)methane	10.0		<13	<10.2	<10.0	<10.2
bis(2-Chloroethyl)ether	10.0		<13 J	<10.2	<10.0	<10.2
bis(2-Chloroisopropyl)ether	10.0		<13	<10.2	<10.0	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF01-1C 13-APR-95	LF01-1C 14-JUL-95	LF01-1C 20-OCT-95	LF01-1C 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<13	<10.2	<10.0	<10.2
n-Nitrosodinpropylamine	10.0		<13	<10.2	<10.0	<10.2
n-Nitrosodiphenylamine	10.0		<13	<10.2	<10.0	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		61	79	72.0	73.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		56	81	70.0	69.0
sur-2-Fluorophenol R% (21 - 100)	-		48	71	62.0	57.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		52	80	65.0	60.0
sur-Phenol-d6 R% (10 - 94)	-		37	73	63.0	58.0
sur-Terphenyl-d14 R% (38 - 141)	-		59	92	69.0	61.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1D 13-APR-95	LF01-1D 14-JUL-95	LF01-1D 17-OCT-95	LF01-1D 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1100 JB	920	819	<500
Antimony	250		<250 J	<250	<250	<250
Barium	20.0		64 J	99.0	131	90.0
Beryllium	3.00		<3.0 J	<3.00	<3.00	<3.00
Cadmium	10.0		<10 J	<10.0	<10.0	<10.0
Calcium	100		180000 J	219000	174000	156000
Chromium	50.0		<50 J	<50.0	<50.0	<50.0
Cobalt	50.0		<50 J	<50.0	<50.0	<50.0
Copper	50.0		<50 J	<50.0	<50.0	<50.0
Iron	50.0		3400 J	4540	2730	1410
Magnesium	250		9700 J	11500	9320	8580
Manganese	10.0		430 J	633	207	222
Molybdenum	50.0		<50 J	<50.0	<50.0	<50.0
Nickel	50.0		<50 J	<50.0	<50.0	<50.0
Potassium	600		2900 J	3070	2310	2020
Silver	50.0		<50 J	<50.0	<50.0	<50.0
Sodium	250		25000 J	26100	25700	26800
Vanadium	50.0		<50 J	<50.0	<50.0	<50.0
Zinc	10.0		<10 J	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0 J	15.1	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0 J	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50 J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0 J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0 J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF01-1D 13-APR-95	LF01-1D 14-JUL-95	LF01-1D 17-OCT-95	LF01-1D 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1D 13-APR-95	LF01-1D 14-JUL-95	LF01-1D 17-OCT-95	LF01-1D 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-ID 13-APR-95	LF01-ID 14-JUL-95	LF01-ID 17-OCT-95	LF01-ID 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.9 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	92	96.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	94	98.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		99	99	102.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.5	<11.4
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.5	<11.4
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.5	<11.4
1,4-Dichlorobenzene	10.0		<11	<10.0	<10.5	<11.4
2,4,5-Trichlorophenol	20.0		<22	<20.0	<21.1	<22.7
2,4,6-Trichlorophenol	10.0		<11	<10.0	<10.5	<11.4
2,4-Dichlorophenol	10.0		<11	<10.0	<10.5	<11.4
2,4-Dimethylphenol	10.0		<11	<10.0	<10.5 JL	<11.4
2,4-Dinitrophenol	50.0		<55	<50.0 J	<52.6	<56.8
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.5	<11.4
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.5	<11.4
2-Chloronaphthalene	10.0		<11	<10.0	<10.5	<11.4
2-Chlorophenol	10.0		<11	<10.0	<10.5	<11.4
2-Methylnaphthalene	10.0		<11	<10.0	<10.5	<11.4
2-Methylphenol	10.0		<11	<10.0	<10.5	<11.4
2-Nitroaniline	50.0		<55	<50.0	<52.6	<56.8
2-Nitrophenol	10.0		<11	<10.0	<10.5	<11.4
3,3'-Dichlorobenzidine	20.0		<22	<20.0 J	<21.1	<22.7
3-Nitroaniline	50.0		<55	<50.0	<52.6	<56.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1D 13-APR-95	LF01-1D 14-JUL-95	LF01-1D 17-OCT-95	LF01-1D 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<55	<50.0	<52.6	<56.8
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.5	<11.4
4-Chloro-3-methylphenol	10.0		<11	<10.0	<10.5	<11.4
4-Chloroaniline	20.0		<22	<20.0	<21.1	<22.7 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.5	<11.4
4-Methylphenol	10.0		<11	<10.0	<10.5	<11.4
4-Nitroaniline	50.0		<55	<50.0 J	<52.6	<56.8
4-Nitrophenol	50.0		<55	<50.0	<52.6	<56.8
Acenaphthene	10.0		<11	<10.0	1.06 JQ	1.07 JQ
Acenaphthylene	10.0		<11	<10.0	<10.5	<11.4
Anthracene	10.0		<11	<10.0	<10.5	<11.4
Benz(a)anthracene	10.0		<11	<10.0	<10.5	<11.4
Benzo(a)pyrene	10.0		<11	<10.0	<10.5	<11.4
Benzo(b)fluoranthene	10.0		<11	<10.0	<10.5	<11.4
Benzo(g,h,i)perylene	10.0		<11	<10.0	<10.5	<11.4
Benzo(k)fluoranthene	10.0		<11	<10.0	<10.5	<11.4
Benzoic acid	50.0		<55 J	<50.0	<52.6	<56.8
Benzyl alcohol	20.0		<22	<20.0	<21.1 R	<22.7
Butyl benzyl phthalate	10.0		<11	8.13 JQ	<10.5	9.50 JQ
Chrysene	10.0		<11	<10.0	<10.5	<11.4
Di-n-butylphthalate	10.0		<11	1.93 JH	<10.5	<11.4
Di-n-octylphthalate	10.0		<11	<10.0	<10.5	<11.4
Dibenz(a,h)anthracene	10.0		<11	<10.0	<10.5	<11.4
Dibenzofuran	10.0		<11	<10.0	<10.5	<11.4
Diethylphthalate	10.0		<11	<10.0	<10.5	<11.4
Dimethylphthalate	10.0		<11	<10.0	<10.5	<11.4
Fluoranthene	10.0		<11	<10.0	<10.5	<11.4
Fluorene	10.0		<11	<10.0	<10.5	<11.4
Hexachlorobenzene	10.0		<11	<10.0	<10.5	<11.4
Hexachlorobutadiene	10.0		<11	<10.0	<10.5	<11.4
Hexachlorocyclopentadiene	10.0		<11 J	<10.0	<10.5 R	<11.4 R
Hexachloroethane	10.0		<11	<10.0	<10.5	<11.4
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.0	<10.5	<11.4
Isophorone	10.0		<11	<10.0	<10.5	<11.4
Naphthalene	10.0		<11	<10.0	<10.5	<11.4
Nitrobenzene	10.0		<11	<10.0	<10.5	<11.4
Pentachlorophenol	30.0		<33	<30.0	<31.6	<34.1
Phenanthrene	10.0		<11	<10.0	<10.5	<11.4
Phenol	10.0		<11	3.32 JQ	<10.5	<11.4
Pyrene	10.0		<11	<10.0	<10.5	<11.4
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.5	<11.4
bis(2-Chloroethyl)ether	10.0		<11 J	<10.0	<10.5	<11.4
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.5 JL	<11.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1D 13-APR-95	LF01-1D 14-JUL-95	LF01-1D 17-OCT-95	LF01-1D 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.0	<10.5	<11.4
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.5	<11.4
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.5	<11.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		57	77	65.8	120.6
sur-2-Fluorobiphenyl R% (43 - 116)	-		56	82	70.2	72.8
sur-2-Fluorophenol R% (21 - 100)	-		47	79	50.9	75.3
sur-Nitrobenzene-d5 R% (35 - 114)	-		52	91	62.2	87.7
sur-Phenol-d6 R% (10 - 94)	-		48	79	48.0	81.2
sur-Terphenyl-d14 R% (38 - 141)	-		61	101	82.2	87.7

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		650 JB	<500	1600	2140
Antimony	250		<250	<250	<250	<250
Barium	20.0		110	130	295	388
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		120000	140000	114000	107000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		500 J	280 J	2140	2740
Magnesium	250		7200	8400	8150	8600
Manganese	10.0		3100	3200	7340 J	10100 J
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		<600	<600	<600	707
Silver	50.0		<50	<50	16600	<50.0
Sodium	250		18000	21000	<250	16200
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		<10	10	<10.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.00	<5.00
Acetone	5.00		<5.0	<5.0	<5.00	<5.00
Benzene	0.500		<0.50	<0.50	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Bromoform	1.00		<1.0	<1.0	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.0	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.0	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.50	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.50	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.0	<2.00	<2.00
Chloroform	0.500		<0.50	<0.50	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.0	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.50	<0.500	<0.500
Methylene chloride	2.00		1.8 JB	1.9 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.50	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Toluene	0.500		<0.50	<0.50	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.0	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.0	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.0	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	95	94	92
sur-Bromofluorobenzene R% (86 - 115)	-		93	90	92	92
sur-Toluene-d8 R% (88 - 110)	-		100	100	100	101
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<11	<10.0	<10.3
1,2-Dichlorobenzene	10.0		<11	<11	<10.0	<10.3
1,3-Dichlorobenzene	10.0		<11	<11	<10.0	<10.3
1,4-Dichlorobenzene	10.0		<11	<11	<10.0	<10.3
2,4,5-Trichlorophenol	20.0		<22	<22	<20.0	<20.6
2,4,6-Trichlorophenol	10.0		<11	<11	<10.0	<10.3
2,4-Dichlorophenol	10.0		<11	<11	<10.0	<10.3
2,4-Dimethylphenol	10.0		<11	<11	<10.0	<10.3
2,4-Dinitrophenol	50.0		<55	<54	<50.0 J	<51.6 J
2,4-Dinitrotoluene	10.0		<11	<11	<10.0	<10.3
2,6-Dinitrotoluene	10.0		<11	<11	<10.0	<10.3
2-Chloronaphthalene	10.0		<11	<11	<10.0	<10.3
2-Chlorophenol	10.0		<11	<11	<10.0	<10.3
2-Methylnaphthalene	10.0		<11	<11	<10.0	<10.3
2-Methylphenol	10.0		<11	<11	<10.0	<10.3
2-Nitroaniline	50.0		<55	<54	<50.0	<51.6
2-Nitrophenol	10.0		<11	<11	<10.0	<10.3
3,3'-Dichlorobenzidine	20.0		<22	<22 J	<20.0 J	<20.6 J
3-Nitroaniline	50.0		<55	<54	<50.0	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<55	<54	<50.0	<51.6
4-Bromophenyl phenyl ether	10.0		<11	<11	<10.0	<10.3
4-Chloro-3-methylphenol	10.0		<11	<11	<10.0	<10.3
4-Chloroaniline	20.0		<22	<22	<20.0	<20.6
4-Chlorophenyl phenyl ether	10.0		<11	<11	<10.0	<10.3
4-Methylphenol	10.0		<11	<11	<10.0	<10.3
4-Nitroaniline	50.0		<55	<54	<50.0 J	<51.6 J
4-Nitrophenol	50.0		<55	<54	<50.0	<51.6
Acenaphthene	10.0		<11	<11	<10.0	<10.3
Acenaphthylene	10.0		<11	<11	<10.0	<10.3
Anthracene	10.0		<11	<11	<10.0	<10.3
Benz(a)anthracene	10.0		<11	<11	<10.0	<10.3
Benzo(a)pyrene	10.0		<11	<11	<10.0	<10.3
Benzo(b)fluoranthene	10.0		<11	<11	<10.0	<10.3
Benzo(g,h,i)perylene	10.0		<11	<11	<10.0	<10.3
Benzo(k)fluoranthene	10.0		<11	<11	<10.0	<10.3
Benzoic acid	50.0		<55 J	<54 J	<50.0	<51.6
Benzyl alcohol	20.0		<22	<22	<20.0	<20.6
Butyl benzyl phthalate	10.0		<11	<11	7.76 JQ	7.17 JQ
Chrysene	10.0		<11	<11	<10.0	<10.3
Di-n-butylphthalate	10.0		<11	1.1	0.956 JH	1.09 JH
Di-n-octylphthalate	10.0		<11	<11	<10.0	<10.3
Dibenz(a,h)anthracene	10.0		<11	<11	<10.0	<10.3
Dibenzofuran	10.0		<11	<11	<10.0	<10.3
Diethylphthalate	10.0		<11	<11	<10.0	<10.3
Dimethylphthalate	10.0		<11	<11	<10.0	<10.3
Fluoranthene	10.0		<11	<11	<10.0	<10.3
Fluorene	10.0		<11	<11	<10.0	<10.3
Hexachlorobenzene	10.0		<11	<11	<10.0	<10.3
Hexachlorobutadiene	10.0		<11	<11	<10.0	<10.3
Hexachlorocyclopentadiene	10.0		<11 J	<11 J	<10.0	<10.3
Hexachloroethane	10.0		<11	<11	<10.0	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<11	<11	<10.0	<10.3
Isophorone	10.0		<11	<11	<10.0	<10.3
Naphthalene	10.0		<11	<11	<10.0	0.605 JQ
Nitrobenzene	10.0		<11	<11	<10.0	<10.3
Pentachlorophenol	30.0		<33	<32	<30.0	<30.9
Phenanthrene	10.0		<11	<11	<10.0	<10.3
Phenol	10.0		<11	<11	<10.0	<10.3
Pyrene	10.0		<11	<11	<10.0	<10.3
bis(2-Chloroethoxy)methane	10.0		<11	<11	<10.0	<10.3
bis(2-Chloroethyl)ether	10.0		<11 J	<11 J	<10.0	<10.3
bis(2-Chloroisopropyl)ether	10.0		<11	<11	<10.0	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF01-1E 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<11	<10.0	<10.3
n-Nitrosodinpropylamine	10.0		<11	<11	<10.0	<10.3
n-Nitrosodiphenylamine	10.0		<11	<11	<10.0	<10.3
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		42	58	43	47
sur-2-Fluorobiphenyl R% (43 - 116)	-		54	55	79	82
sur-2-Fluorophenol R% (21 - 100)	-		26	43	29	28
sur-Nitrobenzene-d5 R% (35 - 114)	-		47	54	90	87
sur-Phenol-d6 R% (10 - 94)	-		36	27	47	48
sur-Terphenyl-d14 R% (38 - 141)	-		65	64	93	93

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1710	1340	2640	2640
Antimony	250		<250	<250	<250	<250
Barium	20.0		857 J	612 J	596	502
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		137000	139000	138000	140000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		4220	4190	4210	4580
Magnesium	250		9260	9080	8980	8940
Manganese	10.0		19600	14600	12700	11200
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		1040 JH	872 JH	831	836
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		19500	19200	19700	19800
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		23.0	30.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		5.67	5.25	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00 R	<5.00 R	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		1.55	1.69	<0.500	<0.500
Bromoform	1.00		0.221 JQ	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		1.06	1.24	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		1.25	1.43	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93.0	96.0	93.0	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		98.0	97.0	95.0	94.0
sur-Toluene-d8 R% (88 - 110)	-		99.0	101.0	100.0	97.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.9	<10.9	<10.0	<10.4
1,2-Dichlorobenzene	10.0		<10.9	<10.9	<10.0	<10.4
1,3-Dichlorobenzene	10.0		<10.9	<10.9	<10.0	<10.4
1,4-Dichlorobenzene	10.0		<10.9	<10.9	<10.0	<10.4
2,4,5-Trichlorophenol	20.0		<21.7	<21.7	<20.0	<20.8
2,4,6-Trichlorophenol	10.0		<10.9	<10.9	<10.0	<10.4
2,4-Dichlorophenol	10.0		<10.9	<10.9	<10.0	<10.4
2,4-Dimethylphenol	10.0		<10.9 JL	<10.9 JL	<10.0 JL	<10.4 JL
2,4-Dinitrophenol	50.0		<54.4	<54.4	<50.0	<52.1
2,4-Dinitrotoluene	10.0		<10.9	<10.9	<10.0	<10.4
2,6-Dinitrotoluene	10.0		<10.9	<10.9	<10.0	<10.4
2-Chloronaphthalene	10.0		<10.9	<10.9	<10.0	<10.4
2-Chlorophenol	10.0		<10.9	<10.9	<10.0	<10.4
2-Methylnaphthalene	10.0		<10.9	<10.9	<10.0	<10.4
2-Methylphenol	10.0		<10.9	<10.9	<10.0	<10.4
2-Nitroaniline	50.0		<54.4	<54.4	<50.0	<52.1
2-Nitrophenol	10.0		<10.9	<10.9	<10.0	<10.4
3,3'-Dichlorobenzidine	20.0		<21.7	<21.7	<20.0 J	<20.8 J
3-Nitroaniline	50.0		<54.4	<54.4	<50.0	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54.4	<54.4	<50.0	<52.1
4-Bromophenyl phenyl ether	10.0		<10.9	<10.9	<10.0	<10.4
4-Chloro-3-methylphenol	10.0		<10.9	<10.9	<10.0	<10.4
4-Chloroaniline	20.0		<21.7 J	<21.7 J	<20.0 J	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<10.9	<10.9	<10.0	<10.4
4-Methylphenol	10.0		<10.9 JL	<10.9 JL	<10.0	<10.4
4-Nitroaniline	50.0		<54.4	<54.4	<50.0	<52.1
4-Nitrophenol	50.0		<54.4	<54.4	<50.0	<52.1
Acenaphthene	10.0		<10.9	<10.9	<10.0	<10.4
Acenaphthylene	10.0		<10.9	<10.9	<10.0	<10.4
Anthracene	10.0		<10.9	<10.9	<10.0	<10.4
Benz(a)anthracene	10.0		<10.9	<10.9	<10.0	<10.4
Benzo(a)pyrene	10.0		<10.9	<10.9	<10.0	<10.4
Benzo(b)fluoranthene	10.0		<10.9	<10.9	<10.0	<10.4
Benzo(g,h,i)perylene	10.0		<10.9	<10.9	<10.0	<10.4
Benzo(k)fluoranthene	10.0		<10.9	<10.9	<10.0	<10.4
Benzoic acid	50.0		<54.4	<54.4	<50.0	<52.1
Benzyl alcohol	20.0		<21.7	<21.7	<20.0	<20.8
Butyl benzyl phthalate	10.0		69.9 J	21.5 J	5.18 JQ	9.60 JQ
Chrysene	10.0		<10.9	<10.9	<10.0	<10.4
Di-n-butylphthalate	10.0		1.29 JQ	<10.9	<10.0	<10.4
Di-n-octylphthalate	10.0		<10.9	<10.9	<10.0	<10.4
Dibenz(a,h)anthracene	10.0		<10.9	<10.9	<10.0	<10.4
Dibenzofuran	10.0		<10.9	<10.9	<10.0	<10.4
Diethylphthalate	10.0		<10.9	<10.9	<10.0	<10.4
Dimethylphthalate	10.0		<10.9	<10.9	<10.0	<10.4
Fluoranthene	10.0		<10.9	<10.9	<10.0	<10.4
Fluorene	10.0		<10.9	<10.9	<10.0	<10.4
Hexachlorobenzene	10.0		<10.9	<10.9	<10.0	<10.4
Hexachlorobutadiene	10.0		<10.9	<10.9	<10.0	<10.4
Hexachlorocyclopentadiene	10.0		<10.9 R	<10.9 R	<10.0 R	<10.4 R
Hexachloroethane	10.0		<10.9	<10.9	<10.0 JL	<10.4 JL
Indeno(1,2,3-cd)pyrene	10.0		<10.9	<10.9	<10.0	<10.4
Isophorone	10.0		<10.9	<10.9	<10.0	<10.4
Naphthalene	10.0		2.88 JQ	2.17 JQ	<10.0	<10.4
Nitrobenzene	10.0		<10.9	<10.9	<10.0	<10.4
Pentachlorophenol	30.0		<32.6 R	<32.6 R	<30.0	<31.3
Phenanthrene	10.0		<10.9	<10.9	<10.0 JL	<10.4 JL
Phenol	10.0		<10.9	<10.9	<10.0	<10.4
Pyrene	10.0		<10.9	<10.9	<10.0	<10.4
bis(2-Chloroethoxy)methane	10.0		<10.9	<10.9	<10.0	<10.4
bis(2-Chloroethyl)ether	10.0		<10.9	<10.9	<10.0	<10.4
bis(2-Chloroisopropyl)ether	10.0		<10.9	<10.9	<10.0	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF01-1E 20-OCT-95	FDUP-5 20-OCT-95 Duplicate of LF01-1E	LF01-1E 12-JAN-96	FDUP-5 12-JAN-96 Duplicate of LF01-1E
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		9.41 JQ	<10.9	<10.0	<10.4
n-Nitrosodinpropylamine	10.0		<10.9	<10.9	<10.0	<10.4
n-Nitrosodiphenylamine	10.0		<10.9	<10.9	<10.0	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		24.0	24.0	24.0	76.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		65.8	68.8	68.0	100.0
sur-2-Fluorophenol R% (21 - 100)	-		21.0	21.0	26.0	72.4
sur-Nitrobenzene-d5 R% (35 - 114)	-		65.8	68.8	55.0	110.6
sur-Phenol-d6 R% (10 - 94)	-		19.0	21.0	30.0	76.9
sur-Terphenyl-d14 R% (38 - 141)	-		65.8	67.8	60.0	101.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1100	2030	24800	7150
Antimony	250		<250	<250	<250	<250
Barium	20.0		100	94.0	166	108
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		110000	106000	323000	171000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		1200	2390	27300	8710
Magnesium	250		4700	<250	<250	6480
Manganese	10.0		110	4670	9910	989
Molybdenum	50.0		<50	565	1250	<50.0
Nickel	50.0		420	<50.0	<50.0	<50.0
Potassium	600		1100	1190	5850	2580
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		33000	31600	31500	35100
Vanadium	50.0		<50	<50.0	63.0	<50.0
Zinc	10.0		<10	<10.0	275	42.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<25	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<25.0	5.56
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	1.12	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		0.27 JQ	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.6 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	0.399 JQ
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	93	98.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		94	89	94.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		100	98	101.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.8	<10.5	<11.1
1,2-Dichlorobenzene	10.0		<10	<10.8	<10.5	<11.1
1,3-Dichlorobenzene	10.0		<10	<10.8	<10.5	<11.1
1,4-Dichlorobenzene	10.0		<10	<10.8	<10.5	<11.1
2,4,5-Trichlorophenol	20.0		<20	<21.5	<21.1	<22.2
2,4,6-Trichlorophenol	10.0		<10	<10.8	<10.5	<11.1
2,4-Dichlorophenol	10.0		<10	<10.8	<10.5	<11.1
2,4-Dimethylphenol	10.0		<10	<10.8	<10.5 JL	<11.1
2,4-Dinitrophenol	50.0		<50	<53.8 J	<52.6	<55.6
2,4-Dinitrotoluene	10.0		<10	<10.8	<10.5	<11.1
2,6-Dinitrotoluene	10.0		<10	<10.8	<10.5	<11.1
2-Chloronaphthalene	10.0		<10	<10.8	<10.5	<11.1
2-Chlorophenol	10.0		<10	<10.8	<10.5	<11.1
2-Methylnaphthalene	10.0		<10	<10.8	<10.5	<11.1
2-Methylphenol	10.0		<10	<10.8	<10.5	<11.1
2-Nitroaniline	50.0		<50 J	<53.8	<52.6	<55.6
2-Nitrophenol	10.0		<10	<10.8	<10.5	<11.1
3,3'-Dichlorobenzidine	20.0		<20	<21.5 J	<21.1	<22.2
3-Nitroaniline	50.0		<50 J	<53.8	<52.6	<55.6

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50	<53.8	<52.6	<55.6
4-Bromophenyl phenyl ether	10.0		<10	<10.8	<10.5	<11.1
4-Chloro-3-methylphenol	10.0		<10	<10.8	<10.5	<11.1
4-Chloroaniline	20.0		<20	<21.5	<21.1	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.8	<10.5	<11.1
4-Methylphenol	10.0		<10	<10.8	<10.5	<11.1
4-Nitroaniline	50.0		<50	<53.8 J	<52.6	<55.6
4-Nitrophenol	50.0		<50 J	<53.8	<52.6	<55.6
Acenaphthene	10.0		<10	<10.8	<10.5	<11.1
Acenaphthylene	10.0		<10	<10.8	<10.5	<11.1
Anthracene	10.0		<10	<10.8	<10.5	<11.1
Benz(a)anthracene	10.0		<10	<10.8	<10.5	<11.1
Benzo(a)pyrene	10.0		<10	<10.8	<10.5	<11.1
Benzo(b)fluoranthene	10.0		<10	<10.8	<10.5	<11.1
Benzo(g,h,i)perylene	10.0		<10	<10.8	<10.5	<11.1
Benzo(k)fluoranthene	10.0		<10	<10.8	<10.5	<11.1
Benzoic acid	50.0		<50	<53.8	<52.6	<55.6
Benzyl alcohol	20.0		<20	<21.5	<21.1 R	<22.2
Butyl benzyl phthalate	10.0		<10	2.63 JQ	<10.5	3.78 JQ
Chrysene	10.0		<10	<10.8	<10.5	<11.1
Di-n-butylphthalate	10.0		<10	<10.8	<10.5	<11.1
Di-n-octylphthalate	10.0		<10	<10.8	<10.5	<11.1
Dibenz(a,h)anthracene	10.0		<10	<10.8	<10.5	<11.1
Dibenzofuran	10.0		<10	<10.8	<10.5	<11.1
Diethylphthalate	10.0		<10	<10.8	<10.5	<11.1
Dimethylphthalate	10.0		<10	<10.8	<10.5	<11.1
Fluoranthene	10.0		<10	<10.8	<10.5	<11.1
Fluorene	10.0		<10	<10.8	<10.5	<11.1
Hexachlorobenzene	10.0		<10	<10.8	<10.5	<11.1
Hexachlorobutadiene	10.0		<10	<10.8	<10.5	<11.1
Hexachlorocyclopentadiene	10.0		<10	<10.8	<10.5	<11.1
Hexachloroethane	10.0		<10 J	<10.8	<10.5 R	<11.1 J
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.8	<10.5	<11.1
Isophorone	10.0		<10	<10.8	<10.5	<11.1
Naphthalene	10.0		<10	<10.8	<10.5	<11.1
Nitrobenzene	10.0		<10	<10.8	<10.5	<11.1
Pentachlorophenol	30.0		<30	<32.2	<31.6	<33.3
Phenanthrene	10.0		<10	<10.8	<10.5	<11.1
Phenol	10.0		<10	<10.8	<10.5	<11.1
Pyrene	10.0		<10	<10.8	<10.5	<11.1
bis(2-Chloroethoxy)methane	10.0		<10	<10.8	<10.5	<11.1
bis(2-Chloroethyl)ether	10.0		<10	<10.8	<10.5	<11.1
bis(2-Chloroisopropyl)ether	10.0		<10	<10.8	<10.5 JL	<11.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4A 07-APR-95	LF04-4A 16-JUL-95	LF04-4A 17-OCT-95	LF04-4A 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.8	<10.5	<11.1
n-Nitrosodinpropylamine	10.0		<10	<10.8	<10.5	<11.1
n-Nitrosodiphenylamine	10.0		<10	<10.8	<10.5	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		50	55	63.9	35.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		74	68	73.1	43.1
sur-2-Fluorophenol R% (21 - 100)	-		38	54	54.0	35.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		64	73	60.2	35.1
sur-Phenol-d6 R% (10 - 94)	-		38	53	55.9	34.0
sur-Terphenyl-d14 R% (38 - 141)	-		73	76	79.2	39.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		3700	<500	2020	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		120	126	130	97.0
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		140000	124000	154000	124000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		4700	154	2590	425
Magnesium	250		6300	6390	6420	5480
Manganese	10.0		400	109	324	119
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		4300	1330	1860	1290
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		36000	38700	39800	39100
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		10	<10.0	88.0	25.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	5.35	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	2.70	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	95	95.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		96	93	100.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		100	98	98.0	101.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.5	<10.0
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.5	<10.0
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.5	<10.0
1,4-Dichlorobenzene	10.0		<11	<10.0	<10.5	<10.0
2,4,5-Trichlorophenol	20.0		<22	<20.0	<21.1	<20.0
2,4,6-Trichlorophenol	10.0		<11	<10.0	<10.5	<10.0
2,4-Dichlorophenol	10.0		<11	<10.0	<10.5	<10.0
2,4-Dimethylphenol	10.0		<11	<10.0	<10.5	<10.0
2,4-Dinitrophenol	50.0		<54	<50.0 J	<52.6 J	<50.0
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.5	<10.0
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.5	<10.0
2-Chloronaphthalene	10.0		<11	<10.0	<10.5	<10.0
2-Chlorophenol	10.0		<11	<10.0	<10.5	<10.0
2-Methylnaphthalene	10.0		<11	<10.0	<10.5	<10.0
2-Methylphenol	10.0		<11	<10.0	<10.5	<10.0
2-Nitroaniline	50.0		<54 J	<50.0	<52.6	<50.0
2-Nitrophenol	10.0		<11	<10.0	<10.5	<10.0
3,3'-Dichlorobenzidine	20.0		<22	<20.0 J	<21.1	<20.0
3-Nitroaniline	50.0		<54 J	<50.0	<52.6	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<50.0	<52.6	<50.0
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.5	<10.0
4-Chloro-3-methylphenol	10.0		<11	<10.0	<10.5	<10.0
4-Chloroaniline	20.0		<22	<20.0	<21.1	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.5	<10.0
4-Methylphenol	10.0		<11	<10.0	<10.5	<10.0
4-Nitroaniline	50.0		<54	<50.0 J	<52.6	<50.0
4-Nitrophenol	50.0		<54 J	<50.0	<52.6	<50.0 J
Acenaphthene	10.0		<11	<10.0	<10.5	<10.0
Acenaphthylene	10.0		<11	<10.0	<10.5	<10.0
Anthracene	10.0		<11	<10.0	<10.5	<10.0
Benz(a)anthracene	10.0		<11	<10.0	<10.5	<10.0
Benzo(a)pyrene	10.0		<11	<10.0	<10.5	<10.0
Benzo(b)fluoranthene	10.0		<11	<10.0	<10.5	<10.0
Benzo(g,h,i)perylene	10.0		<11	<10.0	<10.5	<10.0
Benzo(k)fluoranthene	10.0		<11	<10.0	<10.5	<10.0
Benzoic acid	50.0		<54	<50.0	<52.6	<50.0
Benzyl alcohol	20.0		<22	<20.0	<21.1	<20.0
Butyl benzyl phthalate	10.0		<11	<10.0	<10.5	<10.0
Chrysene	10.0		<11	<10.0	<10.5	<10.0
Di-n-butylphthalate	10.0		<11	<10.0	<10.5	<10.0
Di-n-octylphthalate	10.0		<11	<10.0	<10.5	<10.0
Dibenz(a,h)anthracene	10.0		<11	<10.0	<10.5	<10.0
Dibenzofuran	10.0		<11	<10.0	<10.5	<10.0
Diethylphthalate	10.0		<11	<10.0	<10.5	<10.0
Dimethylphthalate	10.0		<11	<10.0	<10.5	<10.0
Fluoranthene	10.0		<11	<10.0	<10.5	<10.0
Fluorene	10.0		<11	<10.0	<10.5	<10.0
Hexachlorobenzene	10.0		<11	<10.0	<10.5	<10.0
Hexachlorobutadiene	10.0		<11	<10.0	<10.5	<10.0
Hexachlorocyclopentadiene	10.0		<11 J	<10.0	<10.5 R	<10.0
Hexachloroethane	10.0		<11	<10.0	<10.5	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.0	<10.5	<10.0
Isophorone	10.0		<11	<10.0	<10.5	<10.0
Naphthalene	10.0		<11	<10.0	<10.5	<10.0
Nitrobenzene	10.0		<11	<10.0	<10.5	<10.0
Pentachlorophenol	30.0		<33	<30.0	<31.6	<30.0
Phenanthrene	10.0		<11	<10.0	<10.5	<10.0
Phenol	10.0		<11	<10.0	<10.5	<10.0
Pyrene	10.0		<11	<10.0	<10.5	<10.0
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.5	<10.0
bis(2-Chloroethyl)ether	10.0		<11	<10.0	<10.5	<10.0
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.5	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	LF04-4B 07-APR-95	LF04-4B 16-JUL-95	LF04-4B 17-OCT-95	LF04-4B 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.0	<10.5	<10.0
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.5	<10.0
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.5	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		75	64	59.0	56.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		71	63	67.1	61.0
sur-2-Fluorophenol R% (21 - 100)	-		69	62	63.0	51.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	74	61.1	45.0
sur-Phenol-d6 R% (10 - 94)	-		62	62	57.0	50.0
sur-Terphenyl-d14 R% (38 - 141)	-		74	81	84.2	54.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	5720	910
Antimony	250		<250	<250	<250	<250
Barium	20.0		290	172	289	193
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		280000	148000	314000	165000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		20000	308	17600	2800
Magnesium	250		9100	8440	10100	8270
Manganese	10.0		3600	1600	3410	1610
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3100	1860	2900	2000
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		23000	25400	24700	24600
Vanadium	50.0		56	<50.0	<50.0	<50.0
Zinc	10.0		21	<10.0	20.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		12	<5.00	8.98	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,1-Dichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1-Dichloroethene	0.500		<50	<50.0	<50.0	<50.0
1,2-Dichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,2-Dichloropropane	0.500		<50	<50.0	<50.0	<50.0
2-Butanone (MEK)	5.00		<100	<100	<100	<100
2-Chloroethyl vinyl ether	5.00		<100	<100	<100	<100
2-Hexanone	5.00		<100	<100	<100	<100
4-Methyl-2-pentanone	5.00		<100	<100	<100	<100
Acetone	5.00		<100	<100	<100 J	<100
Benzene	0.500		<50	<50.0	<50.0	<50.0
Bromodichloromethane	0.500		<50	<50.0	<50.0	<50.0
Bromoform	1.00		<50	<50.0	<50.0	<50.0
Bromomethane	2.00		<100	<100	<100	<100
Carbon disulfide	1.00		<50	<50.0	<50.0	<50.0
Carbon tetrachloride	0.500		<50	<50.0	<50.0	<50.0
Chlorobenzene	0.500		<50	<50.0	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	<100	<100
Chloroform	0.500		<50	<50.0	<50.0	<50.0
Chloromethane	2.00		<100	<100	<100	<100
Dibromochloromethane	0.500		<50	<50.0	<50.0	<50.0
Ethylbenzene	0.500		<50	<50.0	<50.0	<50.0
Methylene chloride	2.00		85	26.7 JQ	<50.0	<50.0 JL
Styrene	0.500		<50	<50.0	<50.0	<50.0
Tetrachloroethene	0.500		<50	<50.0	<50.0	<50.0
Toluene	0.500		<50	<50.0	<50.0	<50.0
Trichloroethene	0.500		1100	1100	92.7	1330
Vinyl acetate	5.00		<100	<100	<100	<100
Vinyl chloride	2.00		<100	<100	<100	<100
Xylenes (total)	1.00		<50	<50.0	<50.0	<50.0
cis-1,2-Dichloroethene	0.500		390	370	32.6 JQ	366
cis-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		17 JQ	21.2 JQ	1.96 JQ	9.61 JQ
trans-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		98	110	104.0	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		98	100	97.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		103	102	99.0	106.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.0	<10.4	<10.2
1,2-Dichlorobenzene	10.0		<10	<10.0	<10.4	<10.2
1,3-Dichlorobenzene	10.0		<10	<10.0	<10.4	<10.2
1,4-Dichlorobenzene	10.0		<10	<10.0	<10.4	<10.2
2,4,5-Trichlorophenol	20.0		<21	<20.0	<20.8	<20.4
2,4,6-Trichlorophenol	10.0		<10	<10.0	<10.4	<10.2
2,4-Dichlorophenol	10.0		<10	<10.0	<10.4	<10.2
2,4-Dimethylphenol	10.0		<10	<10.0	<10.4 JL	<10.2
2,4-Dinitrophenol	50.0		<53	<50.0 J	<52.1 J	<51.0
2,4-Dinitrotoluene	10.0		<10 J	<10.0	<10.4	<10.2
2,6-Dinitrotoluene	10.0		<10	<10.0	<10.4	<10.2
2-Chloronaphthalene	10.0		<10	<10.0	<10.4	<10.2
2-Chlorophenol	10.0		<10	<10.0	<10.4	<10.2
2-Methylnaphthalene	10.0		<10	<10.0	<10.4	<10.2
2-Methylphenol	10.0		<10	<10.0	<10.4	<10.2
2-Nitroaniline	50.0		<53	<50.0	<52.1	<51.0
2-Nitrophenol	10.0		<10	<10.0	<10.4	<10.2
3,3'-Dichlorobenzidine	20.0		<21	<20.0	<20.8 J	<20.4
3-Nitroaniline	50.0		<53	<50.0	<52.1	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<50.0	<52.1	<51.0
4-Bromophenyl phenyl ether	10.0		<10	<10.0	<10.4	<10.2
4-Chloro-3-methylphenol	10.0		<10	<10.0	<10.4	<10.2
4-Chloroaniline	20.0		<21	<20.0	<20.8	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.0	<10.4	<10.2
4-Methylphenol	10.0		<10 J	<10.0	<10.4	<10.2
4-Nitroaniline	50.0		<53 R	<50.0 J	<52.1	<51.0
4-Nitrophenol	50.0		<53	<50.0 J	<52.1	<51.0
Acenaphthene	10.0		<10	<10.0	<10.4	<10.2
Acenaphthylene	10.0		<10	<10.0	<10.4	<10.2
Anthracene	10.0		<10	<10.0	<10.4	<10.2
Benz(a)anthracene	10.0		<10	<10.0	<10.4	<10.2
Benzo(a)pyrene	10.0		<10 J	<10.0	<10.4	<10.2
Benzo(b)fluoranthene	10.0		<10 J	<10.0	<10.4	<10.2
Benzo(g,h,i)perylene	10.0		<10 J	<10.0	<10.4	<10.2
Benzo(k)fluoranthene	10.0		<10 J	<10.0	<10.4	<10.2
Benzoic acid	50.0		<53 J	<50.0 J	<52.1 J	<51.0
Benzyl alcohol	20.0		<21	<20.0	<20.8	<20.4
Butyl benzyl phthalate	10.0		<10	39.5	7.63 JQ	<10.2
Chrysene	10.0		<10	<10.0	<10.4	<10.2
Di-n-butylphthalate	10.0		<10	0.711 JQ	<10.4	<10.2
Di-n-octylphthalate	10.0		<10 J	<10.0	<10.4	<10.2
Dibenz(a,h)anthracene	10.0		<10 J	<10.0	<10.4	<10.2
Dibenzofuran	10.0		<10	<10.0	<10.4	<10.2
Diethylphthalate	10.0		<10	<10.0	<10.4	<10.2
Dimethylphthalate	10.0		<10	<10.0	<10.4	<10.2
Fluoranthene	10.0		<10	<10.0	<10.4	<10.2
Fluorene	10.0		<10	<10.0	<10.4	<10.2
Hexachlorobenzene	10.0		<10	<10.0	<10.4	<10.2
Hexachlorobutadiene	10.0		<10	<10.0	<10.4	<10.2
Hexachlorocyclopentadiene	10.0		<10 J	<10.0 J	<10.4 R	<10.2 R
Hexachloroethane	10.0		<10	<10.0	<10.4	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10 J	<10.0	<10.4	<10.2
Isophorone	10.0		<10	<10.0	<10.4	<10.2
Naphthalene	10.0		<10	<10.0	<10.4	<10.2
Nitrobenzene	10.0		<10	<10.0	<10.4	<10.2
Pentachlorophenol	30.0		<32	<30.0	<31.3	<30.6
Phenanthrene	10.0		<10	<10.0	<10.4	<10.2
Phenol	10.0		<10	<10.0	<10.4	<10.2
Pyrene	10.0		<10	<10.0	<10.4	<10.2
bis(2-Chloroethoxy)methane	10.0		<10	<10.0	<10.4	<10.2
bis(2-Chloroethyl)ether	10.0		<10	<10.0	<10.4	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10	<10.0	<10.4	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4D 06-APR-95	LF04-4D 16-JUL-95	LF04-4D 18-OCT-95	LF04-4D 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.0	<10.4	<10.2
n-Nitrosodinpropylamine	10.0		<10	<10.0	<10.4	<10.2
n-Nitrosodiphenylamine	10.0		<10	<10.0	<10.4	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		67	57	57.1	49.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		59	63	79.1	72.1
sur-2-Fluorophenol R% (21 - 100)	-		33	54	71.2	52.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		52	65	80.1	48.0
sur-Phenol-d6 R% (10 - 94)	-		37	63	62.1	53.0
sur-Terphenyl-d14 R% (38 - 141)	-		60	74	90.2	63.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		6200 J	<500	4320	1030
Antimony	250		<250	<250	<250	<250
Barium	20.0		170	79.0	166	102
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		200000	135000	207000	157000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		11000	156	9030	2300
Magnesium	250		6900	5660	6880	6010
Manganese	10.0		1200	122	1360	479
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3900	1180	2350	1670
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		22000	20900	19400	19900
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		20	<10.0	30.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<25 JL	<5.00	<5.00 JL	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		8.0	<5.00	6.72	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		1.6 JL	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00 JL	<5.00 JL
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00 JL	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,1-Dichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1-Dichloroethene	0.500		<50	<50.0	<50.0	<50.0
1,2-Dichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,2-Dichloropropane	0.500		<50	<50.0	<50.0	<50.0
2-Butanone (MEK)	5.00		<50	<50.0	<50.0	<50.0
2-Chloroethyl vinyl ether	5.00		<100	<100	<100	<100
2-Hexanone	5.00		<100	<100 J	<100	<100
4-Methyl-2-pentanone	5.00		<100	<100	<100	<100
Acetone	5.00		<100	<100	<100	<100
Benzene	0.500		<100	<100	<100 J	<100
Bromodichloromethane	0.500		<50	<50.0	<50.0	<50.0
Bromoform	1.00		<50	<50.0	<50.0	<50.0
Bromomethane	2.00		<50	<50.0	<50.0	<50.0
Carbon disulfide	1.00		<100	<100	<100	<100
Carbon tetrachloride	0.500		<50	<50.0	<50.0	<50.0
Chlorobenzene	0.500		<50	<50.0	<50.0	<50.0
			<50	<50.0	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	<100	<100
Chloroform	0.500		<50	<50.0	<50.0	<50.0
Chloromethane	2.00		<100	<100	<100	<100
Dibromochloromethane	0.500		<50	<50.0	<50.0	<50.0
Ethylbenzene	0.500		<50	<50.0	<50.0	<50.0
Methylene chloride	2.00		33 JB	129	<50.0	<50.0 JL
Styrene	0.500		<50	<50.0	<50.0	<50.0
Tetrachloroethene	0.500		<50	<50.0	<50.0	<50.0
Toluene	0.500		<50	<50.0	<50.0	<50.0
Trichloroethene	0.500		1500	1630	1530	1530
Vinyl acetate	5.00		<100	<100	<100	<100
Vinyl chloride	2.00		<100	<100	<100	<100
Xylenes (total)	1.00		<50	<50.0	<50.0	<50.0
cis-1,2-Dichloroethene	0.500		370	354	311	326
cis-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		18 JQ	22.9 JQ	32.5 JQ	<50.0
trans-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	100	94.0	89.0
sur-Bromofluorobenzene R% (86 - 115)	-		94	97	95.0	97.0
sur-Toluene-d8 R% (88 - 110)	-		102	102	99.0	102.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.9	<10.2
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.9	<10.2
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.9	<10.2
1,4-Dichlorobenzene	10.0		<11	<10.0	<10.9	<10.2
2,4,5-Trichlorophenol	20.0		<22 JL	<20.0	<21.7	<20.4
2,4,6-Trichlorophenol	10.0		<11 JL	<10.0	<10.9	<10.2
2,4-Dichlorophenol	10.0		<11 JL	<10.0	<10.9	<10.2
2,4-Dimethylphenol	10.0		<11 JL	<10.0	<10.9	<10.2
2,4-Dinitrophenol	50.0		<54 JL	<50.0 J	<54.4 J	<51.0
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.9	<10.2
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.9	<10.2
2-Chloronaphthalene	10.0		<11	<10.0	<10.9	<10.2
2-Chlorophenol	10.0		<11 JL	<10.0	<10.9	<10.2
2-Methylnaphthalene	10.0		<11	<10.0	<10.9	<10.2
2-Methylphenol	10.0		<11 JL	<10.0	<10.9	<10.2
2-Nitroaniline	50.0		<54	<50.0	<54.4	<51.0
2-Nitrophenol	10.0		<11 JL	<10.0	<10.9	<10.2
3,3'-Dichlorobenzidine	20.0		<22	<20.0 J	<21.7	<20.4
3-Nitroaniline	50.0		<54	<50.0	<54.4	<51.0

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54 JL	<50.0	<54.4	<51.0
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.9	<10.2
4-Chloro-3-methylphenol	10.0		<11 JL	<10.0	<10.9	<10.2
4-Chloroaniline	20.0		<22	<20.0	<21.7	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.9	<10.2
4-Methylphenol	10.0		<11	<10.0	<10.9	<10.2
4-Nitroaniline	50.0		<54	<50.0 J	<54.4	<51.0
4-Nitrophenol	50.0		<54 JL	<50.0 J	<54.4	<51.0 J
Acenaphthene	10.0		<11	<10.0	<10.9	<10.2
Acenaphthylene	10.0		<11	<10.0	<10.9	<10.2
Anthracene	10.0		<11	<10.0	<10.9	<10.2
Benz(a)anthracene	10.0		<11	<10.0	<10.9	<10.2
Benzo(a)pyrene	10.0		<11	<10.0	<10.9	<10.2
Benzo(b)fluoranthene	10.0		<11	<10.0	<10.9	<10.2
Benzo(g,h,i)perylene	10.0		<11	<10.0	<10.9	<10.2
Benzo(k)fluoranthene	10.0		<11	<10.0	<10.9	<10.2
Benzoic acid	50.0		<54	<50.0	<54.4	<51.0
Benzyl alcohol	20.0		<22	<20.0	<21.7	<20.4
Butyl benzyl phthalate	10.0		<11	43.2	4.92 JQ	12.7
Chrysene	10.0		<11	<10.0	<10.9	<10.2
Di-n-butylphthalate	10.0		0.75 JB	0.525 JQ	<10.9	<10.2
Di-n-octylphthalate	10.0		<11	<10.0	<10.9	<10.2
Dibenz(a,h)anthracene	10.0		<11	<10.0	<10.9	<10.2
Dibenzofuran	10.0		<11	<10.0	<10.9	<10.2
Diethylphthalate	10.0		<11	<10.0	<10.9	<10.2
Dimethylphthalate	10.0		<11	<10.0	<10.9	<10.2
Fluoranthene	10.0		<11	<10.0	<10.9	<10.2
Fluorene	10.0		<11	<10.0	<10.9	<10.2
Hexachlorobenzene	10.0		<11	<10.0	<10.9	<10.2
Hexachlorobutadiene	10.0		<11	<10.0	<10.9	<10.2
Hexachlorocyclopentadiene	10.0		<11	<10.0 J	<10.9 R	<10.2 R
Hexachloroethane	10.0		<11	<10.0	<10.9	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.0	<10.9	<10.2
Isophorone	10.0		<11	<10.0	<10.9	<10.2
Naphthalene	10.0		<11	<10.0	<10.9	<10.2
Nitrobenzene	10.0		<11	<10.0	<10.9	<10.2
Pentachlorophenol	30.0		<32 JL	<30.0	<32.6	<30.6
Phenanthrene	10.0		<11	<10.0	<10.9	<10.2
Phenol	10.0		<11 JL	<10.0	<10.9	<10.2
Pyrene	10.0		<11	<10.0	<10.9	<10.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.9	<10.2
bis(2-Chloroethyl)ether	10.0		<11	<10.0	<10.9	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.9	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4E 18-OCT-95	LF04-4E 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.0	<10.9	<10.2
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.9	<10.2
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.9	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	42	56.0	77.8
sur-2-Fluorobiphenyl R% (43 - 116)	-		75	53	66.8	83.0
sur-2-Fluorophenol R% (21 - 100)	-		65	49	59.0	60.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		65	58	70.8	66.0
sur-Phenol-d6 R% (10 - 94)	-		0.0	53	57.0	58.0
sur-Terphenyl-d14 R% (38 - 141)	-		72	62	85.8	80.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1900	<500	566	1690
Antimony	250		<250	<250	<250	<250
Barium	20.0		76	81.0	84.0	74.0
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		170000	141000	153000	162000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		4500	65.0	915	3450
Magnesium	250		5800	5950	5860	5830
Manganese	10.0		110	98.0	110	117
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		1800	1200	1420	1500
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		18000	19600	19300	20000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		12	12.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<100	<50.0	<100	<100
1,1,2,2-Tetrachloroethane	0.500		<100	<50.0	<100	<100
1,1,2-Trichloroethane	1.00		<100	<50.0	<100	<100
1,1-Dichloroethane	0.500		<100	<50.0	<100	<100
1,1-Dichloroethene	0.500		<100	<50.0	<100	<100
1,2-Dichloroethane	1.00		<100	<50.0	<100	<100
1,2-Dichloropropane	0.500		<100	<50.0	<100	<100
2-Butanone (MEK)	5.00		<200	<100	<200	<200
2-Chloroethyl vinyl ether	5.00		<200	<100 R	<200	<200
2-Hexanone	5.00		<200	<100	<200	<200
4-Methyl-2-pentanone	5.00		<200	<100	<200	<200
Acetone	5.00		<200	<100	<200	<200
Benzene	0.500		<100	<50.0	<100	<100
Bromodichloromethane	0.500		<100	<50.0	<100	<100
Bromoform	1.00		<100	<50.0	<100	<100
Bromomethane	2.00		<200	<100	<200	<200
Carbon disulfide	1.00		<100	<50.0	<100	<100
Carbon tetrachloride	0.500		<100	<50.0	<100	<100
Chlorobenzene	0.500		<100	<50.0	<100	<100

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<200	<100	<200	<200
Chloroform	0.500		<100	<50.0	<100	<100
Chloromethane	2.00		<200	<100	<200	<200
Dibromochloromethane	0.500		<100	<50.0	<100	<100
Ethylbenzene	0.500		<100	<50.0	<100	<100
Methylene chloride	2.00		120	26.0 JQ	<100	<100 JL
Styrene	0.500		<100	<50.0	<100	<100
Tetrachloroethene	0.500		<100	<50.0	<100	<100
Toluene	0.500		<100	<50.0	<100	<100
Trichloroethene	0.500		1600	1150	1590	1950
Vinyl acetate	5.00		<200	<100	<200	<200
Vinyl chloride	2.00		<200	<100	<200	<200
Xylenes (total)	1.00		<100	<50.0	<100	<100
cis-1,2-Dichloroethene	0.500		340	247	308	366
cis-1,3-Dichloropropene	0.500		<100	<50.0	<100	<100
trans-1,2-Dichloroethene	0.500		19 JQ	17.2 JQ	<100	<100
trans-1,3-Dichloropropene	0.500		<100	<50.0	<100	<100
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		102	110	104.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		97	101	96.0	97.0
sur-Toluene-d8 R% (88 - 110)	-		104	97	100.0	104.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.3	<10.5	<10.2
1,2-Dichlorobenzene	10.0		<10	<10.3	<10.5	<10.2
1,3-Dichlorobenzene	10.0		<10	<10.3	<10.5	<10.2
1,4-Dichlorobenzene	10.0		<10	<10.3	<10.5	<10.2
2,4,5-Trichlorophenol	20.0		<21	<20.6	<21.1	<20.4
2,4,6-Trichlorophenol	10.0		<10	<10.3	<10.5	<10.2
2,4-Dichlorophenol	10.0		<10	<10.3	<10.5	<10.2
2,4-Dimethylphenol	10.0		<10	<10.3	<10.5	<10.2
2,4-Dinitrophenol	50.0		<53	<51.6 J	<52.6	<51.0
2,4-Dinitrotoluene	10.0		<10	<10.3	<10.5	<10.2
2,6-Dinitrotoluene	10.0		<10	<10.3	<10.5	<10.2
2-Chloronaphthalene	10.0		<10	<10.3	<10.5	<10.2
2-Chlorophenol	10.0		<10	<10.3	<10.5	<10.2
2-Methylnaphthalene	10.0		<10	<10.3	<10.5	<10.2
2-Methylphenol	10.0		<10	<10.3	<10.5	<10.2
2-Nitroaniline	50.0		<53	<51.6	<52.6	<51.0
2-Nitrophenol	10.0		<10	<10.3	<10.5	<10.2
3,3'-Dichlorobenzidine	20.0		<21	<20.6 J	<21.1 J	<20.4
3-Nitroaniline	50.0		<53	<51.6	<52.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<51.6	<52.6	<51.0
4-Bromophenyl phenyl ether	10.0		<10	<10.3	<10.5	<10.2
4-Chloro-3-methylphenol	10.0		<10	<10.3	<10.5	<10.2
4-Chloroaniline	20.0		<21	<20.6	<21.1 J	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.3	<10.5	<10.2
4-Methylphenol	10.0		<10	<10.3	<10.5	<10.2
4-Nitroaniline	50.0		<53	<51.6 J	<52.6	<51.0
4-Nitrophenol	50.0		<53 J	<51.6 J	<52.6	<51.0 J
Acenaphthene	10.0		<10	<10.3	<10.5	<10.2
Acenaphthylene	10.0		<10	<10.3	<10.5	<10.2
Anthracene	10.0		<10	<10.3	<10.5	<10.2
Benz(a)anthracene	10.0		<10	<10.3	<10.5	<10.2
Benzo(a)pyrene	10.0		<10	<10.3	<10.5	<10.2
Benzo(b)fluoranthene	10.0		<10	<10.3	<10.5	<10.2
Benzo(g,h,i)perylene	10.0		<10	<10.3	<10.5	<10.2
Benzo(k)fluoranthene	10.0		<10	<10.3	<10.5	<10.2
Benzoic acid	50.0		<53	<51.6	<52.6	<51.0
Benzyl alcohol	20.0		<21	<20.6	<21.1	<20.4
Butyl benzyl phthalate	10.0		<10	33.7	15.9	9.92 JQ
Chrysene	10.0		<10	<10.3	<10.5	<10.2
Di-n-butylphthalate	10.0		<10	<10.3	<10.5	<10.2
Di-n-octylphthalate	10.0		<10	<10.3	<10.5	<10.2
Dibenz(a,h)anthracene	10.0		<10	<10.3	<10.5	<10.2
Dibenzofuran	10.0		<10	<10.3	<10.5	<10.2
Diethylphthalate	10.0		<10	<10.3	<10.5	<10.2
Dimethylphthalate	10.0		<10	<10.3	<10.5	<10.2
Fluoranthene	10.0		<10	<10.3	<10.5	<10.2
Fluorene	10.0		<10	<10.3	<10.5	<10.2
Hexachlorobenzene	10.0		<10	<10.3	<10.5	<10.2
Hexachlorobutadiene	10.0		<10	<10.3	<10.5	<10.2
Hexachlorocyclopentadiene	10.0		<10 J	<10.3 J	<10.5 R	<10.2 R
Hexachloroethane	10.0		<10	<10.3	<10.5	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.3	<10.5	<10.2
Isophorone	10.0		<10	<10.3	<10.5	<10.2
Naphthalene	10.0		<10	<10.3	<10.5	<10.2
Nitrobenzene	10.0		<10	<10.3	<10.5	<10.2
Pentachlorophenol	30.0		<32	<30.9	<31.6	<30.6
Phenanthrene	10.0		<10	<10.3	<10.5	<10.2
Phenol	10.0		<10	<10.3	<10.5	<10.2
Pyrene	10.0		<10	<10.3	<10.5	<10.2
bis(2-Chloroethoxy)methane	10.0		<10	<10.3	<10.5	<10.2
bis(2-Chloroethyl)ether	10.0		<10	<10.3	<10.5	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10	<10.3	<10.5 JL	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		2300	<500	<500	<500	<500
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		260	392	374	229	229
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0	<10.0
Calcium	100		140000	153000	152000	138000	139000
Chromium	50.0		<50	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0	<50.0
Iron	50.0		5700	11800	6580	936	907
Magnesium	250		8200	11600	8450	6870	6890
Manganese	10.0		820	1250	1340	893	879
Molybdenum	50.0		<50	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0	<50.0
Potassium	600		2000	1770	2130	1610	1630
Silver	50.0		<50	<50.0	<50.0	<50.0	<50.0
Sodium	250		22000	27000	27800	22300	22300
Vanadium	50.0		<50	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		10	<10.0	20.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		<5.0	22.0	11.4	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		<5.0	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<5.0	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF04-4F 21-OCT-95	LF04-4F 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.3	4.21 JQ	<10.2
n-Nitrosodinpropylamine	10.0		<10	<10.3	<10.5	<10.2
n-Nitrosodiphenylamine	10.0		<10	<10.3	<10.5	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		79	46	77.8	81.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		71	57	71.1	84.0
sur-2-Fluorophenol R% (21 - 100)	-		51	55	63.9	71.2
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	63	75.1	66.0
sur-Phenol-d6 R% (10 - 94)	-		74	59	65.2	68.0
sur-Terphenyl-d14 R% (38 - 141)	-		70	71	72.2	82.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<50	<50.0	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<50	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethane	0.500		<50	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	0.500		<50	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	1.00		<50	<50.0	<50.0	<50.0	<50.0
1,2-Dichloropropane	0.500		<50	<50.0	<50.0	<50.0	<50.0
2-Butanone (MEK)	5.00		<100	<100	<100	<100	<100
2-Chloroethyl vinyl ether	5.00		<100	<100 J	<100	<100	<100
2-Hexanone	5.00		<100	<100	<100	<100	<100
4-Methyl-2-pentanone	5.00		<100	<100	<100	<100	<100
Acetone	5.00		<100	<100	<100 J	<100	<100
Benzene	0.500		<50	<50.0	<50.0	<50.0	<50.0
Bromodichloromethane	0.500		<50	<50.0	<50.0	<50.0	<50.0
Bromoform	1.00		<50	<50.0	<50.0	<50.0	<50.0
Bromomethane	2.00		<100	<100	<100	<100	<100
Carbon disulfide	1.00		<50	<50.0	<50.0	<50.0	<50.0
Carbon tetrachloride	0.500		<50	<50.0	<50.0	<50.0	<50.0
Chlorobenzene	0.500		<50	<50.0	<50.0	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		<100	<100	<100	<100	<100
Chloroform	0.500		<50	<50.0	<50.0	<50.0	<50.0
Chloromethane	2.00		<100	<100	<100	<100	<100
Dibromochloromethane	0.500		<50	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	0.500		<50	<50.0	<50.0	<50.0	<50.0
Methylene chloride	2.00		54 JB	<50.0	<50.0	<50.0	<50.0
Styrene	0.500		<50	<50.0	<50.0	<50.0 JL	<50.0 JL
Tetrachloroethene	0.500		<50	<50.0	<50.0	<50.0	<50.0
Toluene	0.500		<50	<50.0	<50.0	<50.0	<50.0
Trichloroethene	0.500		820	628	495	939	879
Vinyl acetate	5.00		<100	<100	<100	<100	<100
Vinyl chloride	2.00		<100	<100	<100	<100	<100
Xylenes (total)	1.00		<50	<50.0	<50.0	<50.0	<50.0
cis-1,2-Dichloroethene	0.500		200	193	180	244	228
cis-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		17 JQ	17.4 JQ	20.1 JQ	19.2 JQ	16.4 JQ
trans-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0	<50.0
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	106	99.0	94.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		102	102	93.0	100.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		103	102	99.0	104.0	103.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-	-
2-Butanone	5.00		-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-	-
2-Hexanone	5.00		-	-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-	-
Acetone	5.00		-	-	-	-	-
Benzene	0.500		-	-	-	-	-
Bromodichloromethane	0.500		-	-	-	-	-
Bromoform	1.00		-	-	-	-	-
Bromomethane	2.00		-	-	-	-	-
Carbon disulfide	1.00		-	-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-	-
Chlorobenzene	0.500		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	-
Chloroform	0.500		-	-	-	-	-
Chloromethane	2.00		-	-	-	-	-
Dibromochloromethane	0.500		-	-	-	-	-
Ethylbenzene	0.500		-	-	-	-	-
Methylene chloride	2.00		-	-	-	-	-
Styrene	0.500		-	-	-	-	-
Tetrachloroethene	0.500		-	-	-	-	-
Toluene	0.500		-	-	-	-	-
Trichloroethene	0.500		-	-	-	-	-
Vinyl acetate	5.00		-	-	-	-	-
Vinyl chloride	2.00		-	-	-	-	-
Xylenes (total)	1.00		-	-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		<12	<10.5	<10.1	<10.4	<10.3
1,2-Dichlorobenzene	10.0		<12	<10.5	<10.1	<10.4	<10.3
1,3-Dichlorobenzene	10.0		<12	<10.5	<10.1	<10.4	<10.3
1,4-Dichlorobenzene	10.0		<12	6.19 JQ	<10.1	<10.4	<10.3
2,4,5-Trichlorophenol	20.0		<24	<21.1	<20.2	<20.8	<20.6
2,4,6-Trichlorophenol	10.0		<12	<10.5	<10.1	<10.4	<10.3
2,4-Dichlorophenol	10.0		<12	<10.5	<10.1 R	<10.4	<10.3
2,4-Dimethylphenol	10.0		<12	<10.5	<10.1	<10.4	<10.3
2,4-Dinitrophenol	50.0		<61	<52.6 J	<50.5 R	<52.1	<51.6
2,4-Dinitrotoluene	10.0		<12	<10.5	<10.1	<10.4	<10.3
2,6-Dinitrotoluene	10.0		<12	<10.5	<10.1	<10.4	<10.3
2-Chloronaphthalene	10.0		<12	<10.5	<10.1	<10.4	<10.3
2-Chlorophenol	10.0		<12	<10.5	<10.1	<10.4	<10.3
2-Methylnaphthalene	10.0		<12	<10.5	<10.1	<10.4	<10.3
2-Methylphenol	10.0		<12	<10.5	<10.1	<10.4	<10.3
2-Nitroaniline	50.0		<61	<52.6	<50.5	<52.1	<51.6
2-Nitrophenol	10.0		<12	<10.5	<10.1	<10.4	<10.3
3,3'-Dichlorobenzidine	20.0		<24	<21.1	<20.2 J	<20.8	<20.6
3-Nitroaniline	50.0		<61	<52.6	<50.5	<52.1	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50 0		<61	<52 6	<50 5 R	<52 1	<51.6
4-Bromophenyl phenyl ether	10 0		<12	<10.5	<10 1	<10 4	<10 3
4-Chloro-3-methylphenol	10 0		<12	<10 5	<10.1	<10 4	<10 3
4-Chloroaniline	20 0		<24	<21.1 J	<20.2	<20 8 J	<20 6 J
4-Chlorophenyl phenyl ether	10 0		<12	<10 5	<10 1	<10.4	<10 3
4-Methylphenol	10 0		<12	<10 5	<10 1	<10 4	<10 3
4-Nitroaniline	50 0		<61	<52.6 J	<50.5	<52 1	<51 6
4-Nitrophenol	50 0		<61 J	<52.6	<50.5 R	<52.1 J	<51 6
Acenaphthene	10 0		<12	2.36 JQ	<10.1	<10 4	<10 3
Acenaphthylene	10 0		<12	<10.5	<10.1	<10.4	<10 3
Anthracene	10 0		<12	<10.5	<10 1	<10.4	<10 3
Benz(a)anthracene	10 0		<12	<10.5	<10 1	<10 4	<10 3
Benzo(a)pyrene	10 0		<12 J	<10.5	<10.1	<10 4	<10 3
Benzo(b)fluoranthene	10 0		<12 J	<10 5	<10 1	<10.4	<10 3
Benzo(g,h,i)perylene	10 0		<12 J	<10 5	<10.1	<10 4	<10 3
Benzo(k)fluoranthene	10 0		<12 J	<10.5	<10 1	<10 4	<10 3
Benzoic acid	50 0		<61 R	<52.6 J	<50 5 J	<52 1	<51 6
Benzyl alcohol	20 0		<24	<21.1	<20.2	<20 8	<20 6
Butyl benzyl phthalate	10 0		<12	7.88 JQ	8.54 JQ	39 1	40 1
Chrysene	10 0		<12	<10.5	<10.1	<10.4	<10.3
Di-n-butylphthalate	10 0		<12	0.946 JQ	<10 1	<10 4	<10 3
Di-n-octylphthalate	10 0		<12 J	<10.5	<10.1	<10.4	<10 3
Dibenz(a,h)anthracene	10 0		<12 J	<10.5	<10.1	<10 4	<10 3
Dibenzofuran	10 0		<12	<10.5	<10.1	<10.4	<10.3
Diethylphthalate	10 0		<12	1.56 JQ	1.44 JQ	<10.4	<10.3
Dimethylphthalate	10 0		<12	<10.5	<10 1	<10.4	<10 3
Fluoranthene	10 0		<12	<10.5	<10 1	<10 4	<10.3
Fluorene	10 0		<12	<10.5	<10 1	<10 4	<10 3
Hexachlorobenzene	10 0		<12	<10.5	<10 1	<10.4	<10 3
Hexachlorobutadiene	10 0		<12	<10.5	<10 1	<10 4	<10 3
Hexachlorocyclopentadiene	10 0		<12	<10 5 J	<10 1 R	<10 4 R	<10 3 R
Hexachloroethane	10 0		<12	<10 5	<10 1 JL	<10 4	<10 3
Indeno(1,2,3-cd)pyrene	10.0		<12 J	<10 5	<10 1	<10 4	<10 3
Isophorone	10 0		<12	<10 5	<10 1	<10 4	<10 3
Naphthalene	10 0		<12	<10 5	<10 1	<10 4	<10 3
Nitrobenzene	10 0		<12	<10 5	<10 1	<10 4	<10 3
Pentachlorophenol	30 0		<37	<31 6	<30 3 R	<31 3	<30 9
Phenanthrene	10 0		<12	<10 5	<10.1	<10 4	<10 3
Phenol	10 0		<12	<10.5	<10 1 R	<10 4	<10 3
Pyrene	10 0		<12	<10 5	<10 1	<10 4	<10 3
bis(2-Chloroethoxy)methane	10 0		<12	<10 5	<10 1	<10 4	<10 3
bis(2-Chloroethyl)ether	10 0		<12	<10 5	<10 1	<10 4	<10 3
bis(2-Chloroisopropyl)ether	10 0		<12	<10 5	<10 1	<10 4	<10 3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5C 12-APR-95	LF05-5C 13-JUL-95	LF05-5C 19-OCT-95	LF05-5C 15-JAN-96	FDUP-1 15-JAN-96 Duplicate of LF05-5C
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.5	<10.1	<10.4	<10.3
n-Nitrosodinpropylamine	10.0		<12	<10.5	<10.1	<10.4	<10.3
n-Nitrosodiphenylamine	10.0		<12	<10.5	<10.1	<10.4	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		66	79	62.8	88.5	76.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		61	74	70.0	84.1	91.1
sur-2-Fluorophenol R% (21 - 100)	-		40	64	54.8	65.4	69.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		60	83	67.0	65.1	63.0
sur-Phenol-d6 R% (10 - 94)	-		59	71	60.8	63.1	69.7
sur-Terphenyl-d14 R% (38 - 141)	-		71	70	80.0	77.1	75.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		720	1370	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		280	291	234	202
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		190000	191000	162000	143000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		12000	17800	7660	2980
Magnesium	250		14000	13500	11600	9320
Manganese	10.0		1400	2180	2150	3260
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		5700	5810	7700	7240
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		17000	15000	15900	20100
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		17	34.6	13.6	9.03
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	<25.0
1,1,2,2-Tetrachloroethane	0.500		-	-	-	<25.0
1,1,2-Trichloroethane	1.00		-	-	-	<25.0
1,1-Dichloroethane	0.500		-	-	-	<25.0
1,1-Dichloroethene	0.500		-	-	-	<25.0
1,2-Dichloroethane	1.00		-	-	-	<25.0
1,2-Dichloropropane	0.500		-	-	-	<25.0
2-Butanone (MEK)	5.00		-	-	-	<50.0
2-Chloroethyl vinyl ether	5.00		-	-	-	<50.0
2-Hexanone	5.00		-	-	-	<50.0
4-Methyl-2-pentanone	5.00		-	-	-	<50.0
Acetone	5.00		-	-	-	<50.0
Benzene	0.500		-	-	-	<25.0
Bromodichloromethane	0.500		-	-	-	<25.0
Bromoform	1.00		-	-	-	<25.0
Bromomethane	2.00		-	-	-	<50.0
Carbon disulfide	1.00		-	-	-	<25.0
Carbon tetrachloride	0.500		-	-	-	<25.0
Chlorobenzene	0.500		-	-	-	<25.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	<50.0
Chloroform	0.500		-	-	-	<25.0
Chloromethane	2.00		-	-	-	<50.0
Dibromochloromethane	0.500		-	-	-	<25.0
Ethylbenzene	0.500		-	-	-	<25.0
Methylene chloride	2.00		-	-	-	<25.0 JL
Styrene	0.500		-	-	-	<25.0
Tetrachloroethene	0.500		-	-	-	<25.0
Toluene	0.500		-	-	-	<25.0
Trichloroethene	0.500		-	-	-	1110
Vinyl acetate	5.00		-	-	-	<50.0
Vinyl chloride	2.00		-	-	-	<50.0
Xylenes (total)	1.00		-	-	-	<25.0
cis-1,2-Dichloroethene	0.500		-	-	-	386
cis-1,3-Dichloropropene	0.500		-	-	-	<25.0
trans-1,2-Dichloroethene	0.500		-	-	-	67.8
trans-1,3-Dichloropropene	0.500		-	-	-	<25.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	88.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	98.8
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	103.2
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	-	<0.500	-
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	<0.500	-
1,1,2-Trichloroethane	1.00		<1.0	-	<1.00	-
1,1-Dichloroethane	0.500		<0.50	-	<0.500	-
1,1-Dichloroethene	0.500		<0.50	-	<0.500	-
1,2-Dichloroethane	1.00		<1.0	-	<1.00	-
1,2-Dichloropropane	0.500		<0.50	-	<0.500	-
2-Butanone	5.00		<5.0	-	<5.00	-
2-Chloroethyl vinyl ether	5.00		<5.0	-	<5.00 J	-
2-Hexanone	5.00		<5.0	-	<5.00	-
4-Methyl-2-pentanone	5.00		<5.0	-	<5.00	-
Acetone	5.00		<5.0	-	<5.00	-
Benzene	0.500		0.38 JQ	-	<0.500	-
Bromodichloromethane	0.500		<0.50	-	<0.500	-
Bromoform	1.00		<1.0	-	<1.00	-
Bromomethane	2.00		<2.0	-	<2.00	-
Carbon disulfide	1.00		<1.0	-	<1.00	-
Carbon tetrachloride	0.500		<0.50	-	<0.500	-
Chlorobenzene	0.500		3.1	-	1.30	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	-	<2.00	-
Chloroform	0.500		<0.50	-	<0.500	-
Chloromethane	2.00		<2.0	-	<2.00	-
Dibromochloromethane	0.500		<0.50	-	<0.500	-
Ethylbenzene	0.500		<0.50	-	<0.500	-
Methylene chloride	2.00		1.6 JB	-	<2.00	-
Styrene	0.500		<0.50	-	<0.500	-
Tetrachloroethene	0.500		<0.50	-	<0.500	-
Toluene	0.500		<0.50	-	<0.500	-
Trichloroethene	0.500		8.4	-	180	-
Vinyl acetate	5.00		<5.0	-	<5.00	-
Vinyl chloride	2.00		3.2	-	6.77	-
Xylenes (total)	1.00		<1.0	-	<1.00	-
cis-1,2-Dichloroethene	0.500		14	-	112	-
cis-1,3-Dichloropropene	0.500		<0.50	-	<0.500	-
trans-1,2-Dichloroethene	0.500		6.4	-	16.9	-
trans-1,3-Dichloropropene	0.500		<0.50	-	<0.500	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	-	98.0	-
sur-Bromofluorobenzene R% (86 - 115)	-		93	-	94.0	-
sur-Toluene-d8 R% (88 - 110)	-		100	-	100.0	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,4-Dichlorobenzene	10.0		<11	2.15 JQ	<10.3	<10.2
2,4,5-Trichlorophenol	20.0		<23	<20.0	<20.6	<20.4
2,4,6-Trichlorophenol	10.0		<11	<10.0	<10.3	<10.2
2,4-Dichlorophenol	10.0		<11	<10.0	<10.3 R	<10.2
2,4-Dimethylphenol	10.0		<11	<10.0	<10.3	<10.2
2,4-Dinitrophenol	50.0		<57	<50.0 J	<51.6 R	<51.0
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.3	<10.2
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.3	<10.2
2-Chloronaphthalene	10.0		<11	<10.0	<10.3	<10.2
2-Chlorophenol	10.0		<11	<10.0	<10.3	<10.2
2-Methylnaphthalene	10.0		<11	<10.0	<10.3	<10.2
2-Methylphenol	10.0		<11	<10.0	<10.3	<10.2
2-Nitroaniline	50.0		<57	<50.0	<51.6	<51.0
2-Nitrophenol	10.0		<11	<10.0	<10.3	<10.2
3,3'-Dichlorobenzidine	20.0		<23	<20.0	<20.6 J	<20.4
3-Nitroaniline	50.0		<57	<50.0	<51.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<50.0	<51.6 R	<51.0
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.3	<10.2
4-Chloro-3-methylphenol	10.0		<11	<10.0	<10.3	<10.2
4-Chloroaniline	20.0		<23	<20.0 J	<20.6	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.3	<10.2
4-Methylphenol	10.0		<11	<10.0	<10.3	<10.2
4-Nitroaniline	50.0		<57	<50.0 J	<51.6	<51.0
4-Nitrophenol	50.0		<57 J	<50.0	<51.6 R	<51.0 J
Acenaphthene	10.0		<11	<10.0	<10.3	<10.2
Acenaphthylene	10.0		<11	<10.0	<10.3	<10.2
Anthracene	10.0		<11	<10.0	<10.3	<10.2
Benz(a)anthracene	10.0		<11	<10.0	<10.3	<10.2
Benzo(a)pyrene	10.0		<11	<10.0	<10.3	<10.2
Benzo(b)fluoranthene	10.0		<11	<10.0	<10.3	<10.2
Benzo(g,h,i)perylene	10.0		<11	<10.0	<10.3	<10.2
Benzo(k)fluoranthene	10.0		<11	<10.0	<10.3	<10.2
Benzoic acid	50.0		<57 R	<50.0 J	<51.6 J	<51.0
Benzyl alcohol	20.0		<23	<20.0	<20.6	<20.4
Butyl benzyl phthalate	10.0		<11	12.6	38.4	44.9
Chrysene	10.0		<11	<10.0	<10.3	<10.2
Di-n-butylphthalate	10.0		<11	0.728 JQ	<10.3	<10.2
Di-n-octylphthalate	10.0		<11	<10.0	<10.3	<10.2
Dibenz(a,h)anthracene	10.0		<11	<10.0	<10.3	<10.2
Dibenzofuran	10.0		<11	<10.0	<10.3	<10.2
Diethylphthalate	10.0		<11	<10.0	<10.3	<10.2
Dimethylphthalate	10.0		<11	<10.0	<10.3	<10.2
Fluoranthene	10.0		<11	<10.0	<10.3	<10.2
Fluorene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorobenzene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorobutadiene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorocyclopentadiene	10.0		<11	<10.0	<10.3	<10.2
Hexachloroethane	10.0		<11	<10.0 J	<10.3 R	<10.2 R
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.0	<10.3 JL	<10.2
Isophorone	10.0		<11	<10.0	<10.3	<10.2
Naphthalene	10.0		<11	<10.0	<10.3	<10.2
Nitrobenzene	10.0		<11	<10.0	<10.3	<10.2
Pentachlorophenol	30.0		<34	<30.0	<30.9 R	<30.6
Phenanthrene	10.0		<11	<10.0	<10.3	<10.2
Phenol	10.0		<11	<10.0	<10.3 R	<10.2
Pyrene	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroethyl)ether	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.3	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5D 19-OCT-95	LF05-5D 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	6.71 JQ	<10.3	<10.2
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.3	<10.2
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.3	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		67	85	65.8	86.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		57	81	73.1	85.0
sur-2-Fluorophenol R% (21 - 100)	-		77	69	67.1	69.3
sur-Nitrobenzene-d5 R% (35 - 114)	-		58	86	73.1	64.0
sur-Phenol-d6 R% (10 - 94)	-		39	75	67.7	66.0
sur-Terphenyl-d14 R% (38 - 141)	-		62	76	81.1	85.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

Prepared by: _____

Checked by: _____

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		15000 J	721	700	12400
Antimony	250		<250 J	<250	<250	<250
Barium	20.0		200 J	150	180	199
Beryllium	3.00		<3.0 J	<3.00	<3.00	<3.00
Cadmium	10.0		<10 J	<10.0	<10.0	<10.0
Calcium	100		350000 J	153000	184000	269000
Chromium	50.0		<50 J	<50.0	<50.0	<50.0
Cobalt	50.0		<50 J	<50.0	<50.0	<50.0
Copper	50.0		<50 J	<50.0	<50.0	<50.0
Iron	50.0		19000 J	1020	1050	15400
Magnesium	250		17000 J	14100	16700	16900
Manganese	10.0		580 J	140	188	559
Molybdenum	50.0		<50 J	<50.0	<50.0	<50.0
Nickel	50.0		<50 J	<50.0	<50.0	<50.0
Potassium	600		5200 J	1580	2060	4280
Silver	50.0		<50 J	<50.0	<50.0	<50.0
Sodium	250		44000 J	111000	92100	58900
Vanadium	50.0		<50 J	<50.0	<50.0	<50.0
Zinc	10.0		49 J	<10.0	<10.0	28.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		10 J	<5.00	<5.00	14.7
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50	<50.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	<25.0	<25.0
1,1,2-Trichloroethane	1.00		<50	<50.0	<25.0	<25.0
1,1-Dichloroethane	0.500		<50	<50.0	<25.0	<25.0
1,1-Dichloroethene	0.500		<50	<50.0	<25.0	<25.0
1,2-Dichloroethane	1.00		<50	<50.0	<25.0	<25.0
1,2-Dichloropropane	0.500		<50	<50.0	<25.0	<25.0
2-Butanone (MEK)	5.00		<100	<100	<50.0	<50.0
2-Chloroethyl vinyl ether	5.00		<100	<100 J	<50.0	<50.0
2-Hexanone	5.00		<100	<100	<50.0	<50.0
4-Methyl-2-pentanone	5.00		<100	<100	<50.0	<50.0
Acetone	5.00		<100	<100	<50.0	<50.0
Benzene	0.500		<50	<50.0	<25.0	<25.0
Bromodichloromethane	0.500		<50	<50.0	<25.0	<25.0
Bromoform	1.00		<50	<50.0	<25.0	<25.0
Bromomethane	2.00		<100	<100	<50.0	<50.0
Carbon disulfide	1.00		<50	5.10 JQ	<25.0	<25.0
Carbon tetrachloride	0.500		<50	<50.0	<25.0	<25.0
Chlorobenzene	0.500		<50	<50.0	<25.0	<25.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	<50.0	<50.0
Chloroform	0.500		<50	<50.0	<25.0	<25.0
Chloromethane	2.00		<100	<100	<50.0	<50.0
Dibromochloromethane	0.500		<50	<50.0	<25.0	<25.0
Ethylbenzene	0.500		<50	<50.0	<25.0	<25.0
Methylene chloride	2.00		<50	108	<25.0	<25.0 JL
Styrene	0.500		<50	<50.0	<25.0	<25.0
Tetrachloroethene	0.500		<50	<50.0	<25.0	<25.0
Toluene	0.500		<50	<50.0	5.65 JQ	<25.0
Trichloroethene	0.500		930	602	463	702
Vinyl acetate	5.00		<100	<100	<50.0	<50.0
Vinyl chloride	2.00		<100	<100	<50.0	<50.0
Xylenes (total)	1.00		<50	<50.0	13.0 JQ	<25.0
cis-1,2-Dichloroethene	0.500		300	200	165	248
cis-1,3-Dichloropropene	0.500		<50	<50.0	<25.0	<25.0
trans-1,2-Dichloroethene	0.500		17 JQ	13.7 JQ	<25.0	8.75 JQ
trans-1,3-Dichloropropene	0.500		<50	<50.0	<25.0	<25.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	102	98.0	95.2
sur-Bromofluorobenzene R% (86 - 115)	-		102	100	98.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		106	102	102.0	105.2
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.2	<10.5	<10.5
1,2-Dichlorobenzene	10.0		<11	<10.2	<10.5	<10.5
1,3-Dichlorobenzene	10.0		<11	<10.2	<10.5	<10.5
1,4-Dichlorobenzene	10.0		<11	<10.2	<10.5	<10.5
2,4,5-Trichlorophenol	20.0		<22	<20.4	<21.1	<21.1
2,4,6-Trichlorophenol	10.0		<11	<10.2	<10.5	<10.5
2,4-Dichlorophenol	10.0		<11	<10.2	<10.5	<10.5
2,4-Dimethylphenol	10.0		<11	<10.2	<10.5	<10.5
2,4-Dinitrophenol	50.0		<54	<51.0 J	<52.6	<52.6
2,4-Dinitrotoluene	10.0		<11	<10.2	<10.5	<10.5
2,6-Dinitrotoluene	10.0		<11	<10.2	<10.5	<10.5
2-Chloronaphthalene	10.0		<11	<10.2	<10.5	<10.5
2-Chlorophenol	10.0		<11	<10.2	<10.5	<10.5
2-Methylnaphthalene	10.0		<11	<10.2	<10.5	<10.5
2-Methylphenol	10.0		<11	<10.2	<10.5	<10.5
2-Nitroaniline	50.0		<54	<51.0	<52.6	<52.6
2-Nitrophenol	10.0		<11	<10.2	<10.5	<10.5
3,3'-Dichlorobenzidine	20.0		<22	<20.4	<21.1 J	<21.1
3-Nitroaniline	50.0		<54	<51.0	<52.6	<52.6

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<51.0	<52.6	<52.6
4-Bromophenyl phenyl ether	10.0		<11	<10.2	<10.5	<10.5
4-Chloro-3-methylphenol	10.0		<11	<10.2	<10.5	<10.5
4-Chloroaniline	20.0		<22	<20.4	<21.1 J	<21.1 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.2	<10.5	<10.5
4-Methylphenol	10.0		<11	<10.2	<10.5	<10.5
4-Nitroaniline	50.0		<54	<51.0 J	<52.6	<52.6
4-Nitrophenol	50.0		<54	<51.0	<52.6	<52.6
Acenaphthene	10.0		<11	1.63 JQ	1.96 JQ	<10.5
Acenaphthylene	10.0		<11	<10.2	<10.5	<10.5
Anthracene	10.0		<11	<10.2	<10.5	<10.5
Benz(a)anthracene	10.0		<11	<10.2	<10.5	<10.5
Benzo(a)pyrene	10.0		<11	<10.2	<10.5	<10.5
Benzo(b)fluoranthene	10.0		<11	<10.2	<10.5	<10.5
Benzo(g,h,i)perylene	10.0		<11	<10.2	<10.5	<10.5
Benzo(k)fluoranthene	10.0		<11	<10.2	<10.5	<10.5
Benzoic acid	50.0		<54	<51.0	<52.6	<52.6
Benzyl alcohol	20.0		<22	<20.4	<21.1	<21.1
Butyl benzyl phthalate	10.0		<11	2.86 JQ	12.3	8.19 JQ
Chrysene	10.0		<11	<10.2	<10.5	<10.5
Di-n-butylphthalate	10.0		<11	<10.2	<10.5	<10.5
Di-n-octylphthalate	10.0		<11	<10.2	<10.5	<10.5
Dibenz(a,h)anthracene	10.0		<11	<10.2	<10.5	<10.5
Dibenzofuran	10.0		<11	<10.2	<10.5	<10.5
Diethylphthalate	10.0		<11	<10.2	<10.5	<10.5
Dimethylphthalate	10.0		<11	<10.2	<10.5	<10.5
Fluoranthene	10.0		<11	<10.2	<10.5	<10.5
Fluorene	10.0		<11	<10.2	<10.5	<10.5
Hexachlorobenzene	10.0		<11	<10.2	<10.5	<10.5
Hexachlorobutadiene	10.0		<11	<10.2	<10.5	<10.5
Hexachlorocyclopentadiene	10.0		<11	<10.2 J	<10.5 R	<10.5 R
Hexachloroethane	10.0		<11	<10.2	<10.5	<10.5
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.2	<10.5	<10.5
Isophorone	10.0		<11	<10.2	<10.5	<10.5
Naphthalene	10.0		<11	<10.2	1.00 JQ	<10.5
Nitrobenzene	10.0		<11	<10.2	<10.5	<10.5
Pentachlorophenol	30.0		<32	<30.6	<31.6	<31.6
Phenanthrene	10.0		<11	<10.2	<10.5	<10.5
Phenol	10.0		<11	<10.2	<10.5	<10.5
Pyrene	10.0		<11	<10.2	<10.5	<10.5
bis(2-Chloroethoxy)methane	10.0		<11	<10.2	<10.5	<10.5
bis(2-Chloroethyl)ether	10.0		<11	<10.2	<10.5	<10.5
bis(2-Chloroisopropyl)ether	10.0		<11	<10.2 J	<10.5 JL	<10.5

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF05-5G 13-APR-95	LF05-5G 12-JUL-95	LF05-5G 21-OCT-95	LF05-5G 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.2	<10.5	<10.5
n-Nitrosodinpropylamine	10.0		<11	<10.2	<10.5	<10.5
n-Nitrosodiphenylamine	10.0		<11	<10.2	<10.5	<10.5
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		54	68	74.7	81.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		55	73	68.2	87.2
sur-2-Fluorophenol R% (21 - 100)	-		51	54	59.0	69.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		55	95	75.1	70.2
sur-Phenol-d6 R% (10 - 94)	-		54	74	65.2	72.8
sur-Terphenyl-d14 R% (38 - 141)	-		54	71	71.1	65.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	636	<500	1610
Antimony	250		<250	<250	<250	<250
Barium	20.0		75.0	117	177	181
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		144000	179000	118000	197000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		109	1180	3040	2390
Magnesium	250		7410	5950	6680	10100
Manganese	10.0		70.0	103	1020	124
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		1770	802	1560	2020
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		24400	25600	18700	45100
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.00	<5.00	8.46	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	0.651
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<100	-	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<100	-	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<100	-	<50.0	<50.0
1,1-Dichloroethane	0.500		<100	-	<50.0	<50.0
1,1-Dichloroethene	0.500		<100	-	<50.0	<50.0
1,2-Dichloroethane	1.00		<100	-	<50.0	<50.0
1,2-Dichloropropane	0.500		<100	-	<50.0	<50.0
2-Butanone (MEK)	5.00		<200	-	<100	<100
2-Chloroethyl vinyl ether	5.00		<200	-	<100	<100
2-Hexanone	5.00		<200	-	<100	<100
4-Methyl-2-pentanone	5.00		<200	-	<100	<100
Acetone	5.00		<200	-	<100	<100
Benzene	0.500		<100	-	<50.0	<50.0
Bromodichloromethane	0.500		<100	-	<50.0	<50.0
Bromoform	1.00		<100	-	<50.0	<50.0
Bromomethane	2.00		<200	-	<100	<100
Carbon disulfide	1.00		<100	-	<50.0	<50.0
Carbon tetrachloride	0.500		<100	-	<50.0	<50.0
Chlorobenzene	0.500		<100	-	<50.0	<50.0

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<200	-	<100	<100
Chloroform	0.500		<100	-	<50.0	<50.0
Chloromethane	2.00		<200	-	<100	<100
Dibromochloromethane	0.500		<100	-	<50.0	<50.0
Ethylbenzene	0.500		<100	-	<50.0	<50.0
Methylene chloride	2.00		<100 JL	-	<50.0 JL	<50.0 JL
Styrene	0.500		<100	-	<50.0	<50.0
Tetrachloroethene	0.500		<100	-	<50.0	<50.0
Toluene	0.500		<100	-	<50.0	<50.0
Trichloroethene	0.500		<100	-	<50.0	<50.0
Vinyl acetate	5.00		<200	-	<100	<100
Vinyl chloride	2.00		<200	-	<100	<100
Xylenes (total)	1.00		<100	-	<50.0	<50.0
cis-1,2-Dichloroethene	0.500		359	-	604	308
cis-1,3-Dichloropropene	0.500		<100	-	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		<100	-	57.7	<50.0
trans-1,3-Dichloropropene	0.500		<100	-	<50.0	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92.0	-	94.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		98.0	-	99.0	102.0
sur-Toluene-d8 R% (88 - 110)	-		105.0	-	102.0	101.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	<0.500	-	-
1,1,2,2-Tetrachloroethane	0.500		-	<0.500	-	-
1,1,2-Trichloroethane	1.00		-	<1.00	-	-
1,1-Dichloroethane	0.500		-	<0.500	-	-
1,1-Dichloroethene	0.500		-	<0.500	-	-
1,2-Dichloroethane	1.00		-	<1.00	-	-
1,2-Dichloropropane	0.500		-	<0.500	-	-
2-Butanone	5.00		-	<5.00	-	-
2-Chloroethyl vinyl ether	5.00		-	<5.00 R	-	-
2-Hexanone	5.00		-	<5.00	-	-
4-Methyl-2-pentanone	5.00		-	<5.00	-	-
Acetone	5.00		-	<5.00	-	-
Benzene	0.500		-	<0.500	-	-
Bromodichloromethane	0.500		-	<0.500	-	-
Bromoform	1.00		-	<1.00	-	-
Bromomethane	2.00		-	<2.00	-	-
Carbon disulfide	1.00		-	<1.00	-	-
Carbon tetrachloride	0.500		-	<0.500	-	-
Chlorobenzene	0.500		-	<0.500	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	<2.00	-	-
Chloroform	0.500		-	<0.500	-	-
Chloromethane	2.00		-	<2.00	-	-
Dibromochloromethane	0.500		-	<0.500	-	-
Ethylbenzene	0.500		-	<0.500	-	-
Methylene chloride	2.00		-	<2.00	-	-
Styrene	0.500		-	<0.500	-	-
Tetrachloroethene	0.500		-	<0.500	-	-
Toluene	0.500		-	<0.500	-	-
Trichloroethene	0.500		-	<0.500	-	-
Vinyl acetate	5.00		-	<5.00	-	-
Vinyl chloride	2.00		-	<2.00	-	-
Xylenes (total)	1.00		-	<1.00	-	-
cis-1,2-Dichloroethene	0.500		-	<0.500	-	-
cis-1,3-Dichloropropene	0.500		-	<0.500	-	-
trans-1,2-Dichloroethene	0.500		-	<0.500	-	-
trans-1,3-Dichloropropene	0.500		-	<0.500	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	94.0	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	98.0	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	100.0	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.2	<10.0	<10.4	<10.6
1,2-Dichlorobenzene	10.0		<10.2	<10.0	<10.4	<10.6
1,3-Dichlorobenzene	10.0		<10.2	<10.0	<10.4	<10.6
1,4-Dichlorobenzene	10.0		<10.2	<10.0	<10.4	<10.6
2,4,5-Trichlorophenol	20.0		<20.4	<20.0	<20.8	<21.3
2,4,6-Trichlorophenol	10.0		<10.2	<10.0	<10.4	<10.6
2,4-Dichlorophenol	10.0		<10.2	<10.0	<10.4	<10.6
2,4-Dimethylphenol	10.0		<10.2	<10.0	<10.4	<10.6
2,4-Dinitrophenol	50.0		<51.0 J	<50.0	<52.1 J	<53.2
2,4-Dinitrotoluene	10.0		<10.2	<10.0	<10.4	<10.6
2,6-Dinitrotoluene	10.0		<10.2	<10.0	<10.4	<10.6
2-Chloronaphthalene	10.0		<10.2	<10.0	<10.4	<10.6
2-Chlorophenol	10.0		<10.2	<10.0	<10.4	<10.6
2-Methylnaphthalene	10.0		<10.2	<10.0	<10.4	<10.6
2-Methylphenol	10.0		<10.2	<10.0	<10.4	<10.6
2-Nitroaniline	50.0		<51.0	<50.0	<52.1	<53.2
2-Nitrophenol	10.0		<10.2	<10.0	<10.4	<10.6
3,3'-Dichlorobenzidine	20.0		<20.4	<20.0	<20.8	<21.3
3-Nitroaniline	50.0		<51.0	<50.0	<52.1	<53.2

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<51.0	<50.0	<52.1	<53.2
4-Bromophenyl phenyl ether	10.0		<10.2	<10.0	<10.4	<10.6
4-Chloro-3-methylphenol	10.0		<10.2	<10.0	<10.4	<10.6
4-Chloroaniline	20.0		<20.4 J	<20.0 J	<20.8 J	<21.3 J
4-Chlorophenyl phenyl ether	10.0		<10.2	<10.0	<10.4	<10.6
4-Methylphenol	10.0		<10.2	<10.0	<10.4	<10.6
4-Nitroaniline	50.0		<51.0	<50.0	<52.1	<53.2
4-Nitrophenol	50.0		<51.0	<50.0 J	<52.1	<53.2 J
Acenaphthene	10.0		<10.2	<10.0	<10.4	<10.6
Acenaphthylene	10.0		<10.2	<10.0	<10.4	<10.6
Anthracene	10.0		<10.2	<10.0	<10.4	<10.6
Benz(a)anthracene	10.0		<10.2	<10.0	<10.4	<10.6
Benzo(a)pyrene	10.0		<10.2	<10.0	<10.4	<10.6
Benzo(b)fluoranthene	10.0		<10.2	<10.0	<10.4	<10.6
Benzo(g,h,i)perylene	10.0		<10.2	<10.0	<10.4	<10.6
Benzo(k)fluoranthene	10.0		<10.2	<10.0	<10.4	<10.6
Benzoic acid	50.0		<51.0	<50.0	<52.1	<53.2
Benzyl alcohol	20.0		<20.4	<20.0	<20.8	<21.3
Butyl benzyl phthalate	10.0		38.8	31.0	<10.4	19.8
Chrysene	10.0		<10.2	<10.0	<10.4	<10.6
Di-n-butylphthalate	10.0		0.652 JQ	<10.0	<10.4	<10.6
Di-n-octylphthalate	10.0		<10.2	<10.0	<10.4	<10.6
Dibenz(a,h)anthracene	10.0		<10.2	<10.0	<10.4	<10.6
Dibenzofuran	10.0		<10.2	<10.0	<10.4	<10.6
Diethylphthalate	10.0		<10.2	<10.0	<10.4	<10.6
Dimethylphthalate	10.0		<10.2	<10.0	<10.4	<10.6
Fluoranthene	10.0		<10.2	<10.0	<10.4	<10.6
Fluorene	10.0		<10.2	<10.0	<10.4	<10.6
Hexachlorobenzene	10.0		<10.2	<10.0	<10.4	<10.6
Hexachlorobutadiene	10.0		<10.2	<10.0	<10.4	<10.6
Hexachlorocyclopentadiene	10.0		<10.2	<10.0	<10.4	<10.6
Hexachloroethane	10.0		<10.2	<10.0 J	<10.4	<10.6
Indeno(1,2,3-cd)pyrene	10.0		<10.2	<10.0	<10.4	<10.6
Isophorone	10.0		<10.2	<10.0	<10.4	<10.6
Naphthalene	10.0		<10.2	<10.0	<10.4	<10.6
Nitrobenzene	10.0		<10.2	<10.0	<10.4	<10.6
Pentachlorophenol	30.0		<30.6	<30.0	<31.3	<31.9
Phenanthrene	10.0		<10.2	<10.0	<10.4	<10.6
Phenol	10.0		<10.2	<10.0	<10.4	<10.6
Pyrene	10.0		<10.2	<10.0	<10.4	<10.6
bis(2-Chloroethoxy)methane	10.0		<10.2	<10.0	<10.4	<10.6
bis(2-Chloroethyl)ether	10.0		<10.2	<10.0	<10.4	<10.6
bis(2-Chloroisopropyl)ether	10.0		<10.2	<10.0	<10.4	<10.6

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LF04-04 13-JAN-96	LF04-10 13-JAN-96	LF05-02 13-JAN-96	LF05-18 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10.2	<10.0	<10.4	<10.6
n-Nitrosodinpropylamine	10.0		<10.2	<10.0	<10.4	<10.6
n-Nitrosodiphenylamine	10.0		<10.2	<10.0	<10.4	<10.6
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		73.2	67.3	74.4	77.5
sur-2-Fluorobiphenyl R% (43 - 116)	-		67.1	73.0	70.1	80.3
sur-2-Fluorophenol R% (21 - 100)	-		60.0	61.0	61.1	63.8
sur-Nitrobenzene-d5 R% (35 - 114)	-		74.0	61.0	71.2	67.3
sur-Phenol-d6 R% (10 - 94)	-		60.0	59.0	60.1	65.6
sur-Terphenyl-d14 R% (38 - 141)	-		74.0	62.0	77.1	70.3

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT08-11A 12-APR-95	FT08-11A 14-JUL-95	FT08-11A 19-OCT-95	FT08-11A 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1800	2720	2760	2520
Antimony	250		<250	<250	<250	<250
Barium	20.0		90	120	141	156
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		120000	137000	161000	182000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		1800	2720	2140	2440
Magnesium	250		6600	7280	8900	9760
Manganese	10.0		79	160	244	170
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		2200	1850	2960	3110
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		43000	19700	18400	21500
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<25.0	5.89
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT08-11A 12-APR-95	FT08-11A 14-JUL-95	FT08-11A 19-OCT-95	FT08-11A 14-JAN 96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.8 JB	3.63 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		1.3	1.36	6.50	5.76
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		1.9	1.62	8.95	8.39
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	0.884	0.834
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	91	98.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	91	97.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		98	97	98.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.4	<11.0	<10.5
1,2-Dichlorobenzene	10.0		<12	<10.4	<11.0	<10.5
1,3-Dichlorobenzene	10.0		<12	<10.4	<11.0	<10.5
1,4-Dichlorobenzene	10.0		<12	<10.4	<11.0	<10.5
2,4,5-Trichlorophenol	20.0		<24	<20.8	<22.0	<21.1
2,4,6-Trichlorophenol	10.0		<12	<10.4	<11.0	<10.5
2,4-Dichlorophenol	10.0		<12	<10.4	<11.0	<10.5
2,4-Dimethylphenol	10.0		<12	<10.4	<11.0	<10.5
2,4-Dinitrophenol	50.0		<60	<52.1 J	<55.0 J	<52.6
2,4-Dinitrotoluene	10.0		<12	<10.4	<11.0	<10.5
2,6-Dinitrotoluene	10.0		<12	<10.4	<11.0	<10.5
2-Chloronaphthalene	10.0		<12	<10.4	<11.0	<10.5
2-Chlorophenol	10.0		<12	<10.4	<11.0	<10.5
2-Methylnaphthalene	10.0		<12	<10.4	<11.0	<10.5
2-Methylphenol	10.0		<12	<10.4	<11.0	<10.5
2-Nitroaniline	50.0		<60	<52.1	<55.0	<52.6
2-Nitrophenol	10.0		<12	<10.4	<11.0	<10.5
3,3'-Dichlorobenzidine	20.0		<24	<20.8 J	<22.0	<21.1
3-Nitroaniline	50.0		<60	<52.1	<55.0	<52.6

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SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<60	<52.1	<55.0	<52.6
4-Bromophenyl phenyl ether	10.0		<12	<10.4	<11.0	<10.5
4-Chloro-3-methylphenol	10.0		<12	<10.4	<11.0	<10.5
4-Chloroaniline	20.0		<24	<20.8	<22.0	<21.1 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.4	<11.0	<10.5
4-Methylphenol	10.0		<12	<10.4	<11.0	<10.5
4-Nitroaniline	50.0		<60	<52.1 J	<55.0	<52.6
4-Nitrophenol	50.0		<60 J	<52.1	<55.0	<52.6 J
Acenaphthene	10.0		<12	<10.4	<11.0	<10.5
Acenaphthylene	10.0		<12	<10.4	<11.0	<10.5
Anthracene	10.0		<12	<10.4	<11.0	<10.5
Benz(a)anthracene	10.0		<12	<10.4	<11.0	<10.5
Benzo(a)pyrene	10.0		<12	<10.4	<11.0	<10.5
Benzo(b)fluoranthene	10.0		<12	<10.4	<11.0	<10.5
Benzo(g,h,i)perylene	10.0		<12	<10.4	<11.0	<10.5
Benzo(k)fluoranthene	10.0		<12	<10.4	<11.0	<10.5
Benzoic acid	50.0		<60 R	<52.1	<55.0	<52.6
Benzyl alcohol	20.0		<24	<20.8	<22.0	<21.1
Butyl benzyl phthalate	10.0		<12	3.78 JQ	2.81 JQ	<10.5
Chrysene	10.0		<12	<10.4	<11.0	<10.5
Di-n-butylphthalate	10.0		<12	0.621 JH	<11.0	<10.5
Di-n-octylphthalate	10.0		<12	<10.4	<11.0	<10.5
Dibenz(a,h)anthracene	10.0		<12	<10.4	<11.0	<10.5
Dibenzofuran	10.0		<12	<10.4	<11.0	<10.5
Diethylphthalate	10.0		<12	<10.4	<11.0	<10.5
Dimethylphthalate	10.0		<12	<10.4	<11.0	<10.5
Fluoranthene	10.0		<12	<10.4	<11.0	<10.5
Fluorene	10.0		<12	<10.4	<11.0	<10.5
Hexachlorobenzene	10.0		<12	<10.4	<11.0	<10.5
Hexachlorobutadiene	10.0		<12	<10.4	<11.0	<10.5
Hexachlorocyclopentadiene	10.0		<12	<10.4 J	<11.0 R	<10.5 R
Hexachloroethane	10.0		<12	<10.4	<11.0	<10.5
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.4	<11.0	<10.5
Isophorone	10.0		<12	<10.4	<11.0	<10.5
Naphthalene	10.0		<12	<10.4	<11.0	<10.5
Nitrobenzene	10.0		<12	<10.4	<11.0	<10.5
Pentachlorophenol	30.0		<36	<31.3	<33.0	<31.6
Phenanthrene	10.0		<12	<10.4	<11.0	<10.5
Phenol	10.0		<12	<10.4	<11.0	<10.5
Pyrene	10.0		<12	<10.4	<11.0	<10.5
bis(2-Chloroethoxy)methane	10.0		<12	<10.4	<11.0	<10.5
bis(2-Chloroethyl)ether	10.0		<12	<10.4	<11.0	<10.5
bis(2-Chloroisopropyl)ether	10.0		<12	<10.4	<11.0 JL	<10.5

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT08-11A 12-APR-95	FT08-11A 14-JUL-95	FT08-11A 19-OCT-95	FT08-11A 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.4	<11.0	<10.5
n-Nitrosodinpropylamine	10.0		<12	<10.4	<11.0	<10.5
n-Nitrosodiphenylamine	10.0		<12	<10.4	<11.0	<10.5
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		58	72	63.6	86.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		53	81	68.9	85.2
sur-2-Fluorophenol R% (21 - 100)	-		54	78	72.7	65.2
sur-Nitrobenzene-d5 R% (35 - 114)	-		53	84	73.9	69.1
sur-Phenol-d6 R% (10 - 94)	-		58	78	63.0	67.1
sur-Terphenyl-d14 R% (38 - 141)	-		57	92	93.6	75.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data. do not use.

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT08-11B 12-APR-95		FT08-11B 14-JUL-95	FT08-11B 19-OCT-95	FT08-11B 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		960	J	<500	<500	<500
Antimony	250		<250	J	<250	<250	<250
Barium	20.0		150	J	149	119	116
Beryllium	3.00		<3.0	J	<3.00	<3.00	<3.00
Cadmium	10.0		<10	J	<10.0	<10.0	<10.0
Calcium	100		170000	J	134000	131000	146000
Chromium	50.0		<50	J	<50.0	<50.0	<50.0
Cobalt	50.0		<50	J	<50.0	<50.0	<50.0
Copper	50.0		<50	J	<50.0	<50.0	<50.0
Iron	50.0		6100	J	22900	3200	3210
Magnesium	250		9500	J	10800	8220	8410
Manganese	10.0		1500	J	1190	1060	1040
Molybdenum	50.0		<50	J	<50.0	<50.0	<50.0
Nickel	50.0		<50	J	<50.0	<50.0	<50.0
Potassium	600		1300	J	642	1060	1120
Silver	50.0		<50	J	<50.0	<50.0	<50.0
Sodium	250		61000	J	116000	60800	48100
Vanadium	50.0		<50	J	<50.0	<50.0	<50.0
Zinc	10.0		<10	J	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		7.3	J	31.4	9.40	10.6
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		<5.0	J	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<5.0	J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-		-	-	-
4,4'-DDE	0.0400		-		-	-	-
4,4'-DDT	0.100		-		-	-	-
AR1016	1.00		-		-	-	-
AR1221	1.00		-		-	-	-
AR1232	1.00		-		-	-	-
AR1242	1.00		-		-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT08-11B 12-APR-95	FT08-11B 14-JUL-95	FT08-11B 19-OCT-95	FT08-11B 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<5.0	-	-	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	-	-	-
1,1,2-Trichloroethane	1.00		<5.0	-	-	-
1,1-Dichloroethane	0.500		<5.0	-	-	-
1,1-Dichloroethene	0.500		<5.0	-	-	-
1,2-Dichloroethane	1.00		<5.0	-	-	-
1,2-Dichloropropane	0.500		<5.0	-	-	-
2-Butanone (MEK)	5.00		<10	-	-	-
2-Chloroethyl vinyl ether	5.00		<10	-	-	-
2-Hexanone	5.00		<10	-	-	-
4-Methyl-2-pentanone	5.00		<10	-	-	-
Acetone	5.00		<10	-	-	-
Benzene	0.500		<5.0	-	-	-
Bromodichloromethane	0.500		<5.0	-	-	-
Bromoform	1.00		<5.0	-	-	-
Bromomethane	2.00		<10	-	-	-
Carbon disulfide	1.00		<5.0	-	-	-
Carbon tetrachloride	0.500		<5.0	-	-	-
Chlorobenzene	0.500		<5.0	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT08-11B 12-APR-95	FT08-11B 14-JUL-95	FT08-11B 19-OCT-95	FT08-11B 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<10	-	-	-
Chloroform	0.500		<5.0	-	-	-
Chloromethane	2.00		<10	-	-	-
Dibromochloromethane	0.500		<5.0	-	-	-
Ethylbenzene	0.500		<5.0	-	-	-
Methylene chloride	2.00		9.4 JB	-	-	-
Styrene	0.500		<5.0	-	-	-
Tetrachloroethene	0.500		<5.0	-	-	-
Toluene	0.500		<5.0	-	-	-
Trichloroethene	0.500		150	-	-	-
Vinyl acetate	5.00		<10	-	-	-
Vinyl chloride	2.00		<10	-	-	-
Xylenes (total)	1.00		<5.0	-	-	-
cis-1,2-Dichloroethene	0.500		110	-	-	-
cis-1,3-Dichloropropene	0.500		<5.0	-	-	-
trans-1,2-Dichloroethene	0.500		12	-	-	-
trans-1,3-Dichloropropene	0.500		<5.0	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		90	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		105	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		-	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		-	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		-	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		-	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		-	<0.500	<0.500	<0.500
2-Butanone	5.00		-	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		-	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		-	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		-	<5.00	<5.00	<5.00
Acetone	5.00		-	<5.00	<5.00	<5.00
Benzene	0.500		-	<0.500	<0.500	0.201 JQ
Bromodichloromethane	0.500		-	<0.500	<0.500	<0.500
Bromoform	1.00		-	<1.00	<1.00	<1.00
Bromomethane	2.00		-	<2.00	<2.00	<2.00
Carbon disulfide	1.00		-	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		-	<0.500	<0.500	<0.500
Chlorobenzene	0.500		-	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	<2.00	<2.00	<2.00
Chloroform	0.500		-	<0.500	<0.500	<0.500
Chloromethane	2.00		-	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		-	<0.500	<0.500	<0.500
Ethylbenzene	0.500		-	<0.500	<0.500	<0.500
Methylene chloride	2.00		-	1.51 JB	<2.00	<2.00
Styrene	0.500		-	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		-	<0.500	<0.500	<0.500
Toluene	0.500		-	<0.500	<0.500	0.296 JQ
Trichloroethene	0.500		-	17.7	5.08	37.4
Vinyl acetate	5.00		-	<5.00	<5.00	<5.00
Vinyl chloride	2.00		-	<2.00	<2.00	<2.00
Xylenes (total)	1.00		-	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		-	13.6	4.41	29.0
cis-1,3-Dichloropropene	0.500		-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		-	1.45	0.596	4.24
trans-1,3-Dichloropropene	0.500		-	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	91	94.0	95.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	95	97.0	102.0
sur-Toluene-d8 R% (88 - 110)	-		-	95	100.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,2-Dichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,3-Dichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
1,4-Dichlorobenzene	10.0		<11	<10.0	<10.3	<10.2
2,4,5-Trichlorophenol	20.0		<23	<20.0	<20.6	<20.4
2,4,6-Trichlorophenol	10.0		<11	<10.0	<10.3	<10.2
2,4-Dichlorophenol	10.0		<11	<10.0	<10.3 R	<10.2
2,4-Dimethylphenol	10.0		<11	<10.0	<10.3	<10.2
2,4-Dinitrophenol	50.0		<57	<50.0 J	<51.6 R	<51.0
2,4-Dinitrotoluene	10.0		<11	<10.0	<10.3	<10.2
2,6-Dinitrotoluene	10.0		<11	<10.0	<10.3	<10.2
2-Chloronaphthalene	10.0		<11	<10.0	<10.3	<10.2
2-Chlorophenol	10.0		<11	<10.0	<10.3	<10.2
2-Methylnaphthalene	10.0		<11	<10.0	<10.3	<10.2
2-Methylphenol	10.0		<11	<10.0	<10.3	<10.2
2-Nitroaniline	50.0		<57	<50.0	<51.6	<51.0
2-Nitrophenol	10.0		<11	<10.0	<10.3	<10.2
3,3'-Dichlorobenzidine	20.0		<23	<20.0 J	<20.6 J	<20.4
3-Nitroaniline	50.0		<57	<50.0	<51.6	<51.0

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SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<50.0	<51.6 R	<51.0
4-Bromophenyl phenyl ether	10.0		<11	<10.0	<10.3	<10.2
4-Chloro-3-methylphenol	10.0		<11	<10.0	<10.3	<10.2
4-Chloroaniline	20.0		<23	<20.0	<20.6	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.0	<10.3	<10.2
4-Methylphenol	10.0		<11	<10.0	<10.3	<10.2
4-Nitroaniline	50.0		<57 J	<50.0 J	<51.6	<51.0
4-Nitrophenol	50.0		<57 J	<50.0	<51.6 R	<51.0 J
Acenaphthene	10.0		<11	<10.0	<10.3	<10.2
Acenaphthylene	10.0		<11	<10.0	<10.3	<10.2
Anthracene	10.0		<11	<10.0	<10.3	<10.2
Benz(a)anthracene	10.0		<11	<10.0	<10.3	<10.2
Benzo(a)pyrene	10.0		<11 J	<10.0	<10.3	<10.2
Benzo(b)fluoranthene	10.0		<11 J	<10.0	<10.3	<10.2
Benzo(g,h,i)perylene	10.0		<11 J	<10.0	<10.3	<10.2
Benzo(k)fluoranthene	10.0		<11 J	<10.0	<10.3	<10.2
Benzoic acid	50.0		<57 R	<50.0	<51.6 J	<51.0
Benzyl alcohol	20.0		<23	<20.0	<20.6	<20.4
Butyl benzyl phthalate	10.0		<11	17.6	4.93 JQ	45.6
Chrysene	10.0		<11	<10.0	<10.3	<10.2
Di-n-butylphthalate	10.0		<11	1.40 JH	<10.3	<10.2
Di-n-octylphthalate	10.0		<11 J	<10.0	<10.3	<10.2
Dibenz(a,h)anthracene	10.0		<11 J	<10.0	<10.3	<10.2
Dibenzofuran	10.0		<11	<10.0	<10.3	<10.2
Diethylphthalate	10.0		<11	<10.0	<10.3	<10.2
Dimethylphthalate	10.0		<11	<10.0	<10.3	<10.2
Fluoranthene	10.0		<11	<10.0	<10.3	<10.2
Fluorene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorobenzene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorobutadiene	10.0		<11	<10.0	<10.3	<10.2
Hexachlorocyclopentadiene	10.0		<11 J	<10.0 J	<10.3 R	<10.2 R
Hexachloroethane	10.0		<11	<10.0	<10.3 JL	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<11 J	<10.0	<10.3	<10.2
Isophorone	10.0		<11	<10.0	<10.3	<10.2
Naphthalene	10.0		<11	<10.0	<10.3	<10.2
Nitrobenzene	10.0		<11	<10.0	<10.3	<10.2
Pentachlorophenol	30.0		<34	<30.0	<30.9 R	<30.6
Phenanthrene	10.0		<11	<10.0	<10.3	<10.2
Phenol	10.0		<11	<10.0	<10.3 R	<10.2
Pyrene	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroethyl)ether	10.0		<11	<10.0	<10.3	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.0	<10.3	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT08-11B 12-APR-95	FT08-11B 14-JUL-95	FT08-11B 19-OCT-95	FT08-11B 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.0	<10.3	<10.2
n-Nitrosodinpropylamine	10.0		<11	<10.0	<10.3	<10.2
n-Nitrosodiphenylamine	10.0		<11	<10.0	<10.3	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		67	66	65.8	88.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		63	74	73.1	89.0
sur-2-Fluorophenol R% (21 - 100)	-		66	72	59.9	75.8
sur-Nitrobenzene-d5 R% (35 - 114)	-		61	77	70.1	70.0
sur-Phenol-d6 R% (10 - 94)	-		57	67	51.9	73.9
sur-Terphenyl-d14 R% (38 - 141)	-		66	84	82.0	85.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		3000	2200	4660	5400
Antimony	250		<250	<250	<250	<250
Barium	20.0		120	110	131	121
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		140000	120000	148000	153000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		3500 J	2000 J	4760	5530
Magnesium	250		4400	4100	4680	4850
Manganese	10.0		86	68	135	141
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		1400	1200	1760	1910
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		15000	15000	15000	15100
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		14	<10	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.00	<5.00
2-Hexanone	5.00		<5.0	<5.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.00	<5.00
Acetone	5.00		<5.0	<5.0	<5.00	<5.00
Benzene	0.500		<0.50	<0.50	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Bromoform	1.00		<1.0	<1.0	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.0	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.0	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.50	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.50	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.0	<2.00	<2.00
Chloroform	0.500		<0.50	<0.50	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.0	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.50	<0.500	<0.500
Methylene chloride	2.00		2.2 JB	1.9 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.50	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Toluene	0.500		<0.50	<0.50	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.0	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.0	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.0	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	96	100	99
sur-Bromofluorobenzene R% (86 - 115)	-		93	93	94	91
sur-Toluene-d8 R% (88 - 110)	-		100	100	98	97
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<12	<10.0	<10.0
1,2-Dichlorobenzene	10.0		<12	<12	<10.0	<10.0
1,3-Dichlorobenzene	10.0		<12	<12	<10.0	<10.0
1,4-Dichlorobenzene	10.0		<12	<12	<10.0	1.84 JQ
2,4,5-Trichlorophenol	20.0		<25	<23	<20.0	<20.0
2,4,6-Trichlorophenol	10.0		<12	<12	<10.0	<10.0
2,4-Dichlorophenol	10.0		<12	<12	<10.0	<10.0
2,4-Dimethylphenol	10.0		<12	<12	<10.0	<10.0
2,4-Dinitrophenol	50.0		<62	<58	<50.0 J	<50.0 J
2,4-Dinitrotoluene	10.0		<12	<12	<10.0	<10.0
2,6-Dinitrotoluene	10.0		<12	<12	<10.0	<10.0
2-Chloronaphthalene	10.0		<12	<12	<10.0	<10.0
2-Chlorophenol	10.0		<12	<12	<10.0	<10.0
2-Methylnaphthalene	10.0		<12	<12	<10.0	<10.0
2-Methylphenol	10.0		<12	<12	<10.0	<10.0
2-Nitroaniline	50.0		<62	<58	<50.0	<50.0
2-Nitrophenol	10.0		<12	<12	<10.0	<10.0
3,3'-Dichlorobenzidine	20.0		<25	<23	<20.0	<20.0
3-Nitroaniline	50.0		<62	<58	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<62	<58	<50.0	<50.0
4-Bromophenyl phenyl ether	10.0		<12	<12	<10.0	<10.0
4-Chloro-3-methylphenol	10.0		<12	<12	<10.0	<10.0
4-Chloroaniline	20.0		<25	<23	<20.0 J	<20.0
4-Chlorophenyl phenyl ether	10.0		<12	<12	<10.0	<10.0
4-Methylphenol	10.0		<12	<12	<10.0	<10.0
4-Nitroaniline	50.0		<62	<58	<50.0 J	<50.0 J
4-Nitrophenol	50.0		<62 J	<58 J	<50.0	<50.0
Acenaphthene	10.0		<12	<12	<10.0	<10.0
Acenaphthylene	10.0		<12	<12	<10.0	<10.0
Anthracene	10.0		<12	<12	<10.0	<10.0
Benz(a)anthracene	10.0		<12	<12	<10.0	<10.0
Benzo(a)pyrene	10.0		<12	<12	<10.0	<10.0
Benzo(b)fluoranthene	10.0		<12	<12	<10.0	<10.0
Benzo(g,h,i)perylene	10.0		<12	<12	<10.0	<10.0
Benzo(k)fluoranthene	10.0		<12	<12	<10.0	<10.0
Benzoic acid	50.0		<62 R	<58 R	<50.0 J	<50.0 J
Benzyl alcohol	20.0		<25	<23	<20.0	<20.0
Butyl benzyl phthalate	10.0		<12	<12	7.52 JQ	14.5
Chrysene	10.0		<12	<12	<10.0	<10.0
Di-n-butylphthalate	10.0		<12	<12	0.955 JQ	0.696 JQ
Di-n-octylphthalate	10.0		<12	<12	<10.0	<10.0
Dibenz(a,h)anthracene	10.0		<12	<12	<10.0	<10.0
Dibenzofuran	10.0		<12	<12	<10.0	<10.0
Diethylphthalate	10.0		<12	<12	<10.0	<10.0
Dimethylphthalate	10.0		<12	<12	<10.0	<10.0
Fluoranthene	10.0		<12	<12	<10.0	<10.0
Fluorene	10.0		<12	<12	<10.0	<10.0
Hexachlorobenzene	10.0		<12	<12	<10.0	<10.0
Hexachlorobutadiene	10.0		<12	<12	<10.0	<10.0
Hexachlorocyclopentadiene	10.0		<12	<12	<10.0 J	<10.0 J
Hexachloroethane	10.0		<12	<12	<10.0	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<12	<12	<10.0	<10.0
Isophorone	10.0		<12	<12	<10.0	<10.0
Naphthalene	10.0		<12	<12	<10.0	<10.0
Nitrobenzene	10.0		<12	<12	<10.0	<10.0
Pentachlorophenol	30.0		<38	<35	<30.0	<30.0
Phenanthrene	10.0		<12	<12	<10.0	<10.0
Phenol	10.0		<12	<12	<10.0	<10.0
Pyrene	10.0		<12	<12	<10.0	<10.0
bis(2-Chloroethoxy)methane	10.0		<12	<12	<10.0	<10.0
bis(2-Chloroethyl)ether	10.0		<12	<12	<10.0	<10.0
bis(2-Chloroisopropyl)ether	10.0		<12	<12	<10.0	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 12-APR-95	FDUP-7 12-APR-95 Duplicate of FT09-12A	FT09-12A 13-JUL-95	FDUP-7 13-JUL-95 Duplicate of FT09-12A
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<12	6.92 JQ	7.69 JQ
n-Nitrosodinpropylamine	10.0		<12	<12	<10.0	<10.0
n-Nitrosodiphenylamine	10.0		<12	<12	<10.0	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		56	58	78	79
sur-2-Fluorobiphenyl R% (43 - 116)	-		56	57	76	80
sur-2-Fluorophenol R% (21 - 100)	-		47	51	64	71
sur-Nitrobenzene-d5 R% (35 - 114)	-		55	56	80	92
sur-Phenol-d6 R% (10 - 94)	-		27	62	69	78
sur-Terphenyl-d14 R% (38 - 141)	-		57	57	69	79

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		4370	5410	7540	6170
Antimony	250		<250	<250	<250	<250
Barium	20.0		110	113	127	131
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		143000	150000	186000	179000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		4160	5140	8680	7920
Magnesium	250		4520	4740	5570	5300
Manganese	10.0		127	137	152	145
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		1650	1910	2630	2370
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		14200	14200	15200	14800
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		14.0	17.0	15.0	16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00	<5.00	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97.0	97.0	87.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		95.0	95.0	92.0	91.0
sur-Toluene-d8 R% (88 - 110)	-		99.0	97.0	97.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.5	<10.3	<10.4	<10.4
1,2-Dichlorobenzene	10.0		<10.5	<10.3	<10.4	<10.4
1,3-Dichlorobenzene	10.0		<10.5	<10.3	<10.4	<10.4
1,4-Dichlorobenzene	10.0		<10.5	<10.3	<10.4	<10.4
2,4,5-Trichlorophenol	20.0		<21.1	<20.6	<20.8	<20.8
2,4,6-Trichlorophenol	10.0		<10.5	<10.3	<10.4	<10.4
2,4-Dichlorophenol	10.0		<10.5	<10.3	<10.4	<10.4
2,4-Dimethylphenol	10.0		<10.5	<10.3	<10.4	<10.4
2,4-Dinitrophenol	50.0		<52.6 J	<51.6 J	<52.1 J	<52.1 J
2,4-Dinitrotoluene	10.0		<10.5	<10.3	<10.4	<10.4
2,6-Dinitrotoluene	10.0		<10.5	<10.3	<10.4	<10.4
2-Chloronaphthalene	10.0		<10.5	<10.3	<10.4	<10.4
2-Chlorophenol	10.0		<10.5	<10.3	<10.4	<10.4
2-Methylnaphthalene	10.0		<10.5	<10.3	<10.4	<10.4
2-Methylphenol	10.0		<10.5	<10.3	<10.4	<10.4
2-Nitroaniline	50.0		<52.6	<51.6	<52.1	<52.1
2-Nitrophenol	10.0		<10.5	<10.3	<10.4	<10.4
3,3'-Dichlorobenzidine	20.0		<21.1 J	<20.6 J	<20.8	<20.8
3-Nitroaniline	50.0		<52.6	<51.6	<52.1	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<52.6	<51.6	<52.1	<52.1
4-Bromophenyl phenyl ether	10.0		<10.5	<10.3	<10.4	<10.4
4-Chloro-3-methylphenol	10.0		<10.5	<10.3	<10.4	<10.4
4-Chloroaniline	20.0		<21.1	<20.6	<20.8 J	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<10.5	<10.3	<10.4	<10.4
4-Methylphenol	10.0		<10.5	<10.3	<10.4	<10.4
4-Nitroaniline	50.0		<52.6	<51.6	<52.1	<52.1
4-Nitrophenol	50.0		<52.6	<51.6	<52.1	<52.1
Acenaphthene	10.0		<10.5	<10.3	<10.4	<10.4
Acenaphthylene	10.0		<10.5	<10.3	<10.4	<10.4
Anthracene	10.0		<10.5	<10.3	<10.4	<10.4
Benz(a)anthracene	10.0		<10.5	<10.3	<10.4	<10.4
Benzo(a)pyrene	10.0		<10.5	<10.3	<10.4	<10.4
Benzo(b)fluoranthene	10.0		<10.5	<10.3	<10.4	<10.4
Benzo(g,h,i)perylene	10.0		<10.5	<10.3	<10.4	<10.4
Benzo(k)fluoranthene	10.0		<10.5	<10.3	<10.4	<10.4
Benzoic acid	50.0		<52.6	<51.6	<52.1	<52.1
Benzyl alcohol	20.0		<21.1	<20.6	<20.8	<20.8
Butyl benzyl phthalate	10.0		2.84 JQ	3.88 JQ	1.19 JQ	2.56 JQ
Chrysene	10.0		<10.5	<10.3	<10.4	<10.4
Di-n-butylphthalate	10.0		<10.5	<10.3	<10.4	<10.4
Di-n-octylphthalate	10.0		<10.5	<10.3	<10.4	<10.4
Dibenz(a,h)anthracene	10.0		<10.5	<10.3	<10.4	<10.4
Dibenzofuran	10.0		<10.5	<10.3	<10.4	<10.4
Diethylphthalate	10.0		<10.5	<10.3	<10.4	<10.4
Dimethylphthalate	10.0		<10.5	<10.3	<10.4	<10.4
Fluoranthene	10.0		<10.5	<10.3	<10.4	<10.4
Fluorene	10.0		<10.5	<10.3	<10.4	<10.4
Hexachlorobenzene	10.0		<10.5	<10.3	<10.4	<10.4
Hexachlorobutadiene	10.0		<10.5	<10.3	<10.4	<10.4
Hexachlorocyclopentadiene	10.0		<10.5 R	<10.3 R	<10.4	<10.4
Hexachloroethane	10.0		<10.5	<10.3	<10.4	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<10.5	<10.3	<10.4	<10.4
Isophorone	10.0		<10.5	<10.3	<10.4	<10.4
Naphthalene	10.0		<10.5	<10.3	<10.4	<10.4
Nitrobenzene	10.0		<10.5	<10.3	<10.4	<10.4
Pentachlorophenol	30.0		<31.6	<30.9	<31.3	<31.3
Phenanthrene	10.0		<10.5	<10.3	<10.4	<10.4
Phenol	10.0		<10.5	<10.3	<10.4	<10.4
Pyrene	10.0		<10.5	<10.3	<10.4	<10.4
bis(2-Chloroethoxy)methane	10.0		<10.5	<10.3	<10.4	<10.4
bis(2-Chloroethyl)ether	10.0		<10.5	<10.3	<10.4	<10.4
bis(2-Chloroisopropyl)ether	10.0		<10.5	<10.3	<10.4	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12A 18-OCT-95	FDUP-7 18-OCT-95 Duplicate of FT09-12A	FT09-12A 13-JAN-96	FDUP-7 13-JAN-96 Duplicate of FT09-12A
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10.5	<10.3	<10.4	<10.4
n-Nitrosodinpropylamine	10.0		<10.5	<10.3	<10.4	<10.4
n-Nitrosodiphenylamine	10.0		<10.5	<10.3	<10.4	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		79.7	76.1	73.1	73.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		96.2	100.0	67.1	67.1
sur-2-Fluorophenol R% (21 - 100)	-		69.0	69.0	65.4	64.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		89.2	90.1	73.1	73.1
sur-Phenol-d6 R% (10 - 94)	-		72.2	65.2	62.1	63.1
sur-Terphenyl-d14 R% (38 - 141)	-		84.2	82.0	77.1	76.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		140	139	141	128
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		140000	143000	135000	131000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		1200 JH	2890	1550	1130
Magnesium	250		4900	4970	4790	4540
Manganese	10.0		630 JH	867	767	588
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		<600	<600	<600	<600
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		21000	21700	20200	20500
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	10.4	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		0.37 JQ	0.281 JQ	<0.500	0.351 JQ
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		7.8	5.64 JH	11.4 JH	13.7
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		14	18.4 JH	28.2	37.2
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		4.9	4.08	6.35	10.7
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		0.45 JQ	0.436 JQ	1.65	6.07
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92	97	91.0	90.0
sur-Bromofluorobenzene R% (86 - 115)	-		90	95	92.0	91.0
sur-Toluene-d8 R% (88 - 110)	-		100	99	101.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.8	<10.4	<10.4
1,2-Dichlorobenzene	10.0		<12	<10.8	<10.4	<10.4
1,3-Dichlorobenzene	10.0		<12	<10.8	<10.4	<10.4
1,4-Dichlorobenzene	10.0		<12	<10.8	<10.4	<10.4
2,4,5-Trichlorophenol	20.0		<25	<21.5	<20.8	<20.8
2,4,6-Trichlorophenol	10.0		<12	<10.8	<10.4	<10.4
2,4-Dichlorophenol	10.0		<12	<10.8	<10.4	<10.4
2,4-Dimethylphenol	10.0		<12	<10.8	<10.4 JL	<10.4
2,4-Dinitrophenol	50.0		<62	<53.8 J	<52.1 J	<52.1
2,4-Dinitrotoluene	10.0		<12	<10.8	<10.4	<10.4
2,6-Dinitrotoluene	10.0		<12	<10.8	<10.4	<10.4
2-Chloronaphthalene	10.0		<12	<10.8	<10.4	<10.4
2-Chlorophenol	10.0		<12	<10.8	<10.4	<10.4
2-Methylnaphthalene	10.0		<12	<10.8	<10.4	<10.4
2-Methylphenol	10.0		<12	<10.8	<10.4	<10.4
2-Nitroaniline	50.0		<62	<53.8	<52.1	<52.1
2-Nitrophenol	10.0		<12	<10.8	<10.4	<10.4
3,3'-Dichlorobenzidine	20.0		<25	<21.5	<20.8 J	<20.8
3-Nitroaniline	50.0		<62	<53.8	<52.1	<52.1

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<62	<53.8	<52.1	<52.1
4-Bromophenyl phenyl ether	10.0		<12	<10.8	<10.4	<10.4
4-Chloro-3-methylphenol	10.0		<12	<10.8	<10.4	<10.4
4-Chloroaniline	20.0		<25	<21.5	<20.8	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.8	<10.4	<10.4
4-Methylphenol	10.0		<12	<10.8	<10.4	<10.4
4-Nitroaniline	50.0		<62	<53.8 J	<52.1	<52.1
4-Nitrophenol	50.0		<62 J	<53.8	<52.1	<52.1 J
Acenaphthene	10.0		<12	<10.8	<10.4	<10.4
Acenaphthylene	10.0		<12	<10.8	<10.4	<10.4
Anthracene	10.0		<12	<10.8	<10.4	<10.4
Benz(a)anthracene	10.0		<12	<10.8	<10.4	<10.4
Benzo(a)pyrene	10.0		<12	<10.8	<10.4	<10.4
Benzo(b)fluoranthene	10.0		<12	<10.8	<10.4	<10.4
Benzo(g,h,i)perylene	10.0		<12	<10.8	<10.4	<10.4
Benzo(k)fluoranthene	10.0		<12	<10.8	<10.4	<10.4
Benzoic acid	50.0		<62 R	<53.8	<52.1	<52.1
Benzyl alcohol	20.0		<25	<21.5	<20.8 J	<20.8
Butyl benzyl phthalate	10.0		<12	3.60 JQ	34.9	41.7
Chrysene	10.0		<12	<10.8	<10.4	<10.4
Di-n-butylphthalate	10.0		<12	<10.8	<10.4	<10.4
Di-n-octylphthalate	10.0		<12	<10.8	<10.4	<10.4
Dibenz(a,h)anthracene	10.0		<12	<10.8	<10.4	<10.4
Dibenzofuran	10.0		<12	<10.8	<10.4	<10.4
Diethylphthalate	10.0		<12	<10.8	<10.4	<10.4
Dimethylphthalate	10.0		<12	<10.8	<10.4	<10.4
Fluoranthene	10.0		<12	<10.8	<10.4	<10.4
Fluorene	10.0		<12	<10.8	<10.4	<10.4
Hexachlorobenzene	10.0		<12	<10.8	<10.4	<10.4
Hexachlorobutadiene	10.0		<12	<10.8	<10.4	<10.4
Hexachlorocyclopentadiene	10.0		<12	<10.8 J	<10.4 R	<10.4 R
Hexachloroethane	10.0		<12	<10.8	<10.4	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.8	<10.4	<10.4
Isophorone	10.0		<12	<10.8	<10.4	<10.4
Naphthalene	10.0		<12	<10.8	<10.4	<10.4
Nitrobenzene	10.0		<12	<10.8	<10.4	<10.4
Pentachlorophenol	30.0		<37	<32.2	<31.3	<31.3
Phenanthrene	10.0		<12	<10.8	<10.4	<10.4
Phenol	10.0		<12	<10.8	<10.4	<10.4
Pyrene	10.0		<12	<10.8	<10.4	<10.4
bis(2-Chloroethoxy)methane	10.0		<12	<10.8	<10.4	<10.4
bis(2-Chloroethyl)ether	10.0		<12	<10.8	<10.4	<10.4
bis(2-Chloroisopropyl)ether	10.0		<12	<10.8 J	<10.4	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12B 18-OCT-95	FT09-12B 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.8	<10.4	<10.4
n-Nitrosodinpropylamine	10.0		<12	<10.8	<10.4	<10.4
n-Nitrosodiphenylamine	10.0		<12	<10.8	<10.4	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		60	57	59.1	76.3
sur-2-Fluorobiphenyl R% (43 - 116)	-		53	70	71.2	88.2
sur-2-Fluorophenol R% (21 - 100)	-		67	65	73.1	74.4
sur-Nitrobenzene-d5 R% (35 - 114)	-		55	82	79.1	65.1
sur-Phenol-d6 R% (10 - 94)	-		59	71	65.4	71.2
sur-Terphenyl-d14 R% (38 - 141)	-		56	74	82.1	78.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1300	4700	3060	2010
Antimony	250		<250	<250	<250	<250
Barium	20.0		160	181	151	165
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		170000	238000	193000	193000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		4100	11400	6360	5250
Magnesium	250		6600	8090	7100	7560
Manganese	10.0		3000	3150	2730	2940
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		800	1790	1110	951
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		24000	23300	24900	27400
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	17.0	12.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		6.8	12.1	8.31	6.79
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		0.84	0.731	0.435	0.517
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		1.2	1.35	0.807	1.56
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.2 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		0.44 JQ	0.436	0.192 JQ	0.323 JQ
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		1.2	1.26	0.821	1.43
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		5.6	5.60	3.64	6.08
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		38	34.6	21.8	26.9
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	0.198 JQ	0.337 JQ
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	98	96.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		95	97	100.0	105.0
sur-Toluene-d8 R% (88 - 110)	-		99	101	97.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.2	<10.3	<10.4
1,2-Dichlorobenzene	10.0		<11	<10.2	<10.3	1.98 JQ
1,3-Dichlorobenzene	10.0		<11	<10.2	<10.3	<10.4
1,4-Dichlorobenzene	10.0		<11	<10.2	<10.3	<10.4
2,4,5-Trichlorophenol	20.0		<22	<20.4	<20.6	<20.8
2,4,6-Trichlorophenol	10.0		<11	<10.2	<10.3	<10.4
2,4-Dichlorophenol	10.0		<11	<10.2	<10.3	<10.4
2,4-Dimethylphenol	10.0		<11	<10.2	<10.3	<10.4
2,4-Dinitrophenol	50.0		<55	<51.0 J	<51.6 J	<52.1 J
2,4-Dinitrotoluene	10.0		<11	<10.2	<10.3	<10.4
2,6-Dinitrotoluene	10.0		<11	<10.2	<10.3	<10.4
2-Chloronaphthalene	10.0		<11	<10.2	<10.3	<10.4
2-Chlorophenol	10.0		<11	<10.2	<10.3	<10.4
2-Methylnaphthalene	10.0		<11	<10.2	<10.3	<10.4
2-Methylphenol	10.0		<11	<10.2	<10.3	<10.4
2-Nitroaniline	50.0		<55	<51.0	<51.6	<52.1
2-Nitrophenol	10.0		<11	<10.2	<10.3	<10.4
3,3'-Dichlorobenzidine	20.0		<22	<20.4	<20.6 J	<20.8
3-Nitroaniline	50.0		<55	<51.0	<51.6	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<55	<51.0	<51.6	<52.1
4-Bromophenyl phenyl ether	10.0		<11	<10.2	<10.3	<10.4
4-Chloro-3-methylphenol	10.0		<11	<10.2	<10.3	<10.4
4-Chloroaniline	20.0		<22	<20.4	<20.6	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.2	<10.3	<10.4
4-Methylphenol	10.0		<11	7.74	<10.3	<10.4
4-Nitroaniline	50.0		<55	<51.0 J	<51.6	<52.1
4-Nitrophenol	50.0		<55 J	<51.0	<51.6	<52.1
Acenaphthene	10.0		<11	<10.2	<10.3	<10.4
Acenaphthylene	10.0		<11	<10.2	<10.3	<10.4
Anthracene	10.0		<11	<10.2	<10.3	<10.4
Benz(a)anthracene	10.0		<11	<10.2	<10.3	<10.4
Benzo(a)pyrene	10.0		<11	<10.2	<10.3	<10.4
Benzo(b)fluoranthene	10.0		<11	<10.2	<10.3	<10.4
Benzo(g,h,i)perylene	10.0		<11	<10.2	<10.3	<10.4
Benzo(k)fluoranthene	10.0		<11	<10.2	<10.3	<10.4
Benzoic acid	50.0		<55 R	<51.0	<51.6	<52.1
Benzyl alcohol	20.0		<22	<20.4	<20.6	<20.8
Butyl benzyl phthalate	10.0		<11	3.72	7.01 JQ	4.47 JQ
Chrysene	10.0		<11	<10.2	<10.3	<10.4
Di-n-butylphthalate	10.0		<11	<10.2	<10.3	<10.4
Di-n-octylphthalate	10.0		<11	<10.2	<10.3	<10.4
Dibenz(a,h)anthracene	10.0		<11	<10.2	<10.3	<10.4
Dibenzofuran	10.0		<11	<10.2	<10.3	<10.4
Diethylphthalate	10.0		<11	<10.2	<10.3	<10.4
Dimethylphthalate	10.0		<11	<10.2	<10.3	<10.4
Fluoranthene	10.0		<11	<10.2	<10.3	<10.4
Fluorene	10.0		<11	<10.2	<10.3	<10.4
Hexachlorobenzene	10.0		<11	<10.2	<10.3	<10.4
Hexachlorobutadiene	10.0		<11	<10.2	<10.3	<10.4
Hexachlorocyclopentadiene	10.0		<11	<10.2 J	<10.3 R	<10.4
Hexachloroethane	10.0		<11	<10.2	<10.3	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.2	<10.3	<10.4
Isophorone	10.0		<11	<10.2	<10.3	<10.4
Naphthalene	10.0		<11	<10.2	<10.3	<10.4
Nitrobenzene	10.0		<11	<10.2	<10.3	<10.4
Pentachlorophenol	30.0		<33	<30.6	<30.9	<31.3
Phenanthrene	10.0		<11	<10.2	<10.3	<10.4
Phenol	10.0		<11	3.74 JQ	<10.3	5.94 JQ
Pyrene	10.0		<11	<10.2	<10.3	<10.4
bis(2-Chloroethoxy)methane	10.0		<11	<10.2	<10.3	<10.4
bis(2-Chloroethyl)ether	10.0		<11	<10.2	<10.3	<10.4
bis(2-Chloroisopropyl)ether	10.0		<11	<10.2 J	<10.3	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	FT09-12C 12-APR-95	FT09-12C 12-JUL-95	FT09-12C 18-OCT-95	FT09-12C 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.2	<10.3	<10.4
n-Nitrosodinpropylamine	10.0		<11	<10.2	<10.3	<10.4
n-Nitrosodiphenylamine	10.0		<11	<10.2	<10.3	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		57	69	84.5	76.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		53	75	95.0	65.1
sur-2-Fluorophenol R% (21 - 100)	-		65	75	74.8	60.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		54	91	83.1	67.1
sur-Phenol-d6 R% (10 - 94)	-		56	80	73.5	59.1
sur-Terphenyl-d14 R% (38 - 141)	-		58	79	85.0	78.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		7300	5990	3770	6800
Antimony	250		<250	<250	<250	<250
Barium	20.0		250	270	222	390
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		180000	186000	181000	251000
Chromium	50.0		<50	283	63.0	93.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		20000	31400	23600	84900
Magnesium	250		8500	8700	7980	8990
Manganese	10.0		460	402	585	1020
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	202	50.0	59.0
Potassium	600		3900	3760	3290	4230
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		20000	20300	18900	20200
Vanadium	50.0		<50	<50.0	<50.0	72.0
Zinc	10.0		36	20.0	20.0	28.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		16	40.1	64.8	173
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		20	12.6	10.9	22.4
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.7 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	96	93.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	91	96.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		102	98	97.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.8	<10.5	<11.1
1,2-Dichlorobenzene	10.0		<11	<10.8	<10.5	<11.1
1,3-Dichlorobenzene	10.0		<11	<10.8	<10.5	<11.1
1,4-Dichlorobenzene	10.0		<11	<10.8	<10.5	<11.1
2,4,5-Trichlorophenol	20.0		<22	<21.5	<21.1	<22.2
2,4,6-Trichlorophenol	10.0		<11	<10.8	<10.5	<11.1
2,4-Dichlorophenol	10.0		<11	<10.8	<10.5	<11.1
2,4-Dimethylphenol	10.0		<11	<10.8	<10.5	<11.1
2,4-Dinitrophenol	50.0		<56	<53.8 J	<52.6 J	<55.6
2,4-Dinitrotoluene	10.0		<11	<10.8	<10.5	<11.1
2,6-Dinitrotoluene	10.0		<11	<10.8	<10.5	<11.1
2-Chloronaphthalene	10.0		<11	<10.8	<10.5	<11.1
2-Chlorophenol	10.0		<11	<10.8	<10.5	<11.1
2-Methylnaphthalene	10.0		<11	<10.8	<10.5	<11.1
2-Methylphenol	10.0		<11	<10.8	<10.5	<11.1
2-Nitroaniline	50.0		<56	<53.8	<52.6	<55.6
2-Nitrophenol	10.0		<11	<10.8	<10.5	<11.1
3,3'-Dichlorobenzidine	20.0		<22	<21.5	<21.1 J	<22.2 J
3-Nitroaniline	50.0		<56	<53.8	<52.6	<55.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<53.8	<52.6	<55.6
4-Bromophenyl phenyl ether	10.0		<11	<10.8	<10.5	<11.1
4-Chloro-3-methylphenol	10.0		<11	<10.8	<10.5	<11.1
4-Chloroaniline	20.0		<22 J	<21.5	<21.1	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.8	<10.5	<11.1
4-Methylphenol	10.0		<11	<10.8	<10.5	<11.1
4-Nitroaniline	50.0		<56	<53.8 J	<52.6	<55.6
4-Nitrophenol	50.0		<56 J	<53.8	<52.6	<55.6
Acenaphthene	10.0		<11	<10.8	<10.5	<11.1
Acenaphthylene	10.0		<11	<10.8	<10.5	<11.1
Anthracene	10.0		<11	<10.8	<10.5	<11.1
Benz(a)anthracene	10.0		<11	<10.8	<10.5	<11.1
Benzo(a)pyrene	10.0		<11	<10.8	<10.5	<11.1
Benzo(b)fluoranthene	10.0		<11	<10.8	<10.5	<11.1
Benzo(g,h,i)perylene	10.0		<11	<10.8	<10.5	<11.1
Benzo(k)fluoranthene	10.0		<11	<10.8	<10.5	<11.1
Benzoic acid	50.0		<56	<53.8 J	<52.6	<55.6
Benzyl alcohol	20.0		<22	<21.5	<21.1	<22.2
Butyl benzyl phthalate	10.0		<11	18.2	27.7	23.0
Chrysene	10.0		<11	<10.8	<10.5	<11.1
Di-n-butylphthalate	10.0		<11	0.632 JB	<10.5	<11.1
Di-n-octylphthalate	10.0		<11	<10.8	<10.5	<11.1
Dibenz(a,h)anthracene	10.0		<11	<10.8	<10.5	<11.1
Dibenzofuran	10.0		<11	<10.8	<10.5	<11.1
Diethylphthalate	10.0		<11	<10.8	<10.5	<11.1
Dimethylphthalate	10.0		<11	<10.8	<10.5	<11.1
Fluoranthene	10.0		<11	<10.8	<10.5	<11.1
Fluorene	10.0		<11	<10.8	<10.5	<11.1
Hexachlorobenzene	10.0		<11	<10.8	<10.5	<11.1
Hexachlorobutadiene	10.0		<11	<10.8	<10.5	<11.1
Hexachlorocyclopentadiene	10.0		<11 J	<10.8 J	<10.5 R	<11.1 R
Hexachloroethane	10.0		<11	<10.8	<10.5	<11.1
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.8	<10.5	<11.1
Isophorone	10.0		<11	<10.8	<10.5	<11.1
Naphthalene	10.0		<11	<10.8	<10.5	<11.1
Nitrobenzene	10.0		<11	<10.8	<10.5	<11.1
Pentachlorophenol	30.0		<34	<32.2	<31.6	<33.3
Phenanthrene	10.0		<11	<10.8	<10.5	<11.1
Phenol	10.0		<11	<10.8	6.24 JQ	<11.1
Pyrene	10.0		<11	<10.8	<10.5	<11.1
bis(2-Chloroethoxy)methane	10.0		<11	<10.8	<10.5	<11.1
bis(2-Chloroethyl)ether	10.0		<11	<10.8	<10.5	<11.1
bis(2-Chloroisopropyl)ether	10.0		<11	<10.8	<10.5	<11.1

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-01 10-APR-95	ST14-01 13-JUL-95	ST14-01 18-OCT-95	ST14-01 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		4.9 JQ	<10.8	<10.5	<11.1
n-Nitrosodinpropylamine	10.0		<11	<10.8	<10.5	<11.1
n-Nitrosodiphenylamine	10.0		<11	<10.8	<10.5	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	76	79.1	85.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		73	74	88.2	78.1
sur-2-Fluorophenol R% (21 - 100)	-		72	60	63.9	67.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	79	79.2	71.1
sur-Phenol-d6 R% (10 - 94)	-		53	67	65.2	64.1
sur-Terphenyl-d14 R% (38 - 141)	-		78	74	78.2	71.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-02 10-APR-95	ST14-02 13-JUL-95	ST14-02 21-OCT-95	ST14-02 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	8460	1080	6630
Antimony	250		<250	<250	<250	<250
Barium	20.0		180	183	118	153
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		230000	231000	133000	211000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		33000	34000	13200	28500
Magnesium	250		8700	8660	6490	8100
Manganese	10.0		560	619	358	519
Molybdenum	50.0		26000	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		4000	3630	2540	3250
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		<250	24900	22200	23200
Vanadium	50.0		<50	61.0	<50.0	52.0
Zinc	10.0		74	63.0	<10.0	55.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	8.73	6.04
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		33	29.7	5.03	29.5
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-02 10-APR-95	ST14-02 13-JUL-95	ST14-02 21-OCT-95	ST14-02 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-02 10-APR-95	ST14-02 13-JUL-95	ST14-02 21-OCT-95	ST14-02 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		6.3	26.0	14.3	2.53
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		3.0 JB	1.44 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		98	100	101.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		101	98	102.0	107.0
sur-Toluene-d8 R% (88 - 110)	-		106	106	103.0	104.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.4	<10.5	<10.0
1,2-Dichlorobenzene	10.0		<12	<10.4	<10.5	<10.0
1,3-Dichlorobenzene	10.0		<12	<10.4	<10.5	<10.0
1,4-Dichlorobenzene	10.0		<12	<10.4	<10.5	<10.0
2,4,5-Trichlorophenol	20.0		<24	<20.8	<21.1	<20.0
2,4,6-Trichlorophenol	10.0		<12	<10.4	<10.5	<10.0
2,4-Dichlorophenol	10.0		<12	<10.4	<10.5	<10.0
2,4-Dimethylphenol	10.0		<12	<10.4	<10.5	<10.0
2,4-Dinitrophenol	50.0		<59	<52.1 J	<52.6	<50.0 J
2,4-Dinitrotoluene	10.0		<12	<10.4	<10.5	<10.0
2,6-Dinitrotoluene	10.0		<12	<10.4	<10.5	<10.0
2-Chloronaphthalene	10.0		<12	<10.4	<10.5	<10.0
2-Chlorophenol	10.0		<12	<10.4	<10.5	<10.0
2-Methylnaphthalene	10.0		<12	1.55 JQ	<10.5	<10.0
2-Methylphenol	10.0		<12	<10.4	<10.5	<10.0
2-Nitroaniline	50.0		<59	<52.1	<52.6	<50.0
2-Nitrophenol	10.0		<12	<10.4	<10.5	<10.0
3,3'-Dichlorobenzidine	20.0		<24	<20.8	<21.1 J	<20.0
3-Nitroaniline	50.0		<59	<52.1	<52.6	<50.0

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SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<59	<52.1	<52.6	<50.0
4-Bromophenyl phenyl ether	10.0		<12	<10.4	<10.5	<10.0
4-Chloro-3-methylphenol	10.0		<12	<10.4	<10.5	<10.0
4-Chloroaniline	20.0		<24 J	<20.8	<21.1 J	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.4	<10.5	<10.0
4-Methylphenol	10.0		<12	<10.4	<10.5	<10.0
4-Nitroaniline	50.0		<59	<52.1 J	<52.6	<50.0
4-Nitrophenol	50.0		<59 J	<52.1	<52.6	<50.0
Acenaphthene	10.0		<12	<10.4	<10.5	<10.0
Acenaphthylene	10.0		<12	<10.4	<10.5	<10.0
Anthracene	10.0		<12	<10.4	<10.5	<10.0
Benz(a)anthracene	10.0		<12	<10.4	<10.5	<10.0
Benzo(a)pyrene	10.0		<12	<10.4	<10.5	<10.0
Benzo(b)fluoranthene	10.0		<12	<10.4	<10.5	<10.0
Benzo(g,h,i)perylene	10.0		<12	<10.4	<10.5	<10.0
Benzo(k)fluoranthene	10.0		<12	<10.4	<10.5	<10.0
Benzoic acid	50.0		<59	<52.1 J	<52.6	<50.0
Benzyl alcohol	20.0		<24	<20.8	<21.1	<20.0
Butyl benzyl phthalate	10.0		<12	17.5	11.9	3.48 JQ
Chrysene	10.0		<12	<10.4	<10.5	<10.0
Di-n-butylphthalate	10.0		<12	0.619 JB	<10.5	<10.0
Di-n-octylphthalate	10.0		<12	<10.4	<10.5	<10.0
Dibenz(a,h)anthracene	10.0		<12	<10.4	<10.5	<10.0
Dibenzofuran	10.0		<12	<10.4	<10.5	<10.0
Diethylphthalate	10.0		<12	<10.4	<10.5	<10.0
Dimethylphthalate	10.0		<12	<10.4	<10.5	<10.0
Fluoranthene	10.0		<12	<10.4	<10.5	<10.0
Fluorene	10.0		<12	<10.4	<10.5	<10.0
Hexachlorobenzene	10.0		<12	<10.4	<10.5	<10.0
Hexachlorobutadiene	10.0		<12	<10.4	<10.5	<10.0
Hexachlorocyclopentadiene	10.0		<12 J	<10.4 J	<10.5 R	<10.0
Hexachloroethane	10.0		<12	<10.4	<10.5	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.4	<10.5	<10.0
Isophorone	10.0		<12	<10.4	<10.5	<10.0
Naphthalene	10.0		<12	<10.4	<10.5	<10.0
Nitrobenzene	10.0		<12	<10.4	<10.5	<10.0
Pentachlorophenol	30.0		<35	<31.3	<31.6	<30.0
Phenanthrene	10.0		<12	<10.4	<10.5	<10.0
Phenol	10.0		<12	<10.4	<10.5	<10.0
Pyrene	10.0		<12	9.78 JQ	4.29 JQ	<10.0
bis(2-Chloroethoxy)methane	10.0		<12	<10.4	<10.5	<10.0
bis(2-Chloroethyl)ether	10.0		<12	<10.4	<10.5	<10.0
bis(2-Chloroisopropyl)ether	10.0		<12	<10.4	<10.5 JL	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-02 10-APR-95	ST14-02 13-JUL-95	ST14-02 21-OCT-95	ST14-02 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	3.99 JB	<10.5	<10.0
n-Nitrosodinpropylamine	10.0		<12	<10.4	<10.5	<10.0
n-Nitrosodiphenylamine	10.0		<12	<10.4	<10.5	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		81	70	75.9	77.3
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	65	84.2	67.0
sur-2-Fluorophenol R% (21 - 100)	-		63	56	65.8	64.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		71	76	76.2	74.0
sur-Phenol-d6 R% (10 - 94)	-		32	63	67.1	64.0
sur-Terphenyl-d14 R% (38 - 141)	-		74	66	69.1	76.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		9200	8000	21900	28000	21600
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		180	159	241	308	235
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0	<10.0
Calcium	100		180000	200000	292000	377000	287000
Chromium	50.0		<50	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0	<50.0
Iron	50.0		14000	14400	30300	39900 J	29200 J
Magnesium	250		8200	7990	10200	12200	10800
Manganese	10.0		400	471	571	670	524
Molybdenum	50.0		<50	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0	<50.0
Potassium	600		3000	2700	5330	6330	5630
Silver	50.0		<50	<50.0	<50.0	<50.0	<50.0
Sodium	250		27000	25200	25200	27800	27000
Vanadium	50.0		<50	<50.0	95.0	136	93.0
Zinc	10.0		55	34.0	91.0	115 J	75.0 J
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		7.3	9.63	9.43	13.5	8.55
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		9.1	9.99	27.9	32.6	23.8
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<5.0	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-	-
2-Hexanone	5.00		-	-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-	-
Acetone	5.00		-	-	-	-	-
Benzene	0.500		-	-	-	-	-
Bromodichloromethane	0.500		-	-	-	-	-
Bromoform	1.00		-	-	-	-	-
Bromomethane	2.00		-	-	-	-	-
Carbon disulfide	1.00		-	-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-	-
Chlorobenzene	0.500		-	-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	-
Chloroform	0.500		-	-	-	-	-
Chloromethane	2.00		-	-	-	-	-
Dibromochloromethane	0.500		-	-	-	-	-
Ethylbenzene	0.500		-	-	-	-	-
Methylene chloride	2.00		-	-	-	-	-
Styrene	0.500		-	-	-	-	-
Tetrachloroethene	0.500		-	-	-	-	-
Toluene	0.500		-	-	-	-	-
Trichloroethene	0.500		-	-	-	-	-
Vinyl acetate	5.00		-	-	-	-	-
Vinyl chloride	2.00		-	-	-	-	-
Xylenes (total)	1.00		-	-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		-	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		-	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		-	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		-	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		-	<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		-	<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		-	<5.00	<5.00	<5.00 R	<5.00 R
2-Hexanone	5.00		-	<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		-	<5.00	<5.00	<5.00	<5.00
Acetone	5.00		-	<5.00	<5.00	<5.00	<5.00
Benzene	0.500		-	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		-	<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		-	<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		-	<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		-	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		-	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		-	<0.500	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		-	<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		-	<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		-	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		-	<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		-	<2.00	<2.00	<2.00	<2.00
Styrene	0.500		-	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		-	<0.500	<0.500	<0.500	<0.500
Toluene	0.500		-	<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		-	<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		-	<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		-	<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		-	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		-	<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		-	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		-	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		-	<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	105	99.0	96.0	97.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	91	96.0	97.0	97.0
sur-Toluene-d8 R% (88 - 110)	-		-	99	99.0	100.0	102.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
1,2-Dichlorobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
1,3-Dichlorobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
1,4-Dichlorobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
2,4,5-Trichlorophenol	20.0		<21	<20.6	<20.0	<20.0	<21.3
2,4,6-Trichlorophenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
2,4-Dichlorophenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
2,4-Dimethylphenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
2,4-Dinitrophenol	50.0		<52	<51.6 J	<50.0 J	<50.0	<53.2 J
2,4-Dinitrotoluene	10.0		<10	<10.3	<10.0	<10.0	<10.6
2,6-Dinitrotoluene	10.0		<10	<10.3	<10.0	<10.0	<10.6
2-Chloronaphthalene	10.0		<10	<10.3	<10.0	<10.0	<10.6
2-Chlorophenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
2-Methylnaphthalene	10.0		<10	<10.3	<10.0	<10.0	<10.6
2-Methylphenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
2-Nitroaniline	50.0		<52 J	<51.6	<50.0	<50.0	<53.2
2-Nitrophenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
3,3'-Dichlorobenzidine	20.0		<21	<20.6	<20.0 J	<20.0	<21.3
3-Nitroaniline	50.0		<52 J	<51.6	<50.0	<50.0	<53.2

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		<52	<51.6	<50.0	<50.0	<53.2
4-Bromophenyl phenyl ether	10.0		<10	<10.3	<10.0	<10.0	<10.6
4-Chloro-3-methylphenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
4-Chloroaniline	20.0		<21	<20.6 J	<20.0	<20.0 J	<21.3 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.3	<10.0	<10.0	<10.6
4-Methylphenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
4-Nitroaniline	50.0		<52	<51.6 J	<50.0	<50.0	<53.2
4-Nitrophenol	50.0		<52	<51.6	<50.0	<50.0	<53.2
Acenaphthene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Acenaphthylene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Anthracene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Benz(a)anthracene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Benzo(a)pyrene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Benzo(b)fluoranthene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Benzo(g,h,i)perylene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Benzo(k)fluoranthene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Benzoic acid	50.0		<52 J	<51.6 J	<50.0	<50.0	<53.2
Benzyl alcohol	20.0		<21	<20.6	<20.0	<20.0	<21.3
Butyl benzyl phthalate	10.0		<10	9.60 JQ	8.89 JQ	2.96 JQ	5.53 JQ
Chrysene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Di-n-butylphthalate	10.0		<10	<10.3	<10.0	<10.0	<10.6
Di-n-octylphthalate	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Dibenz(a,h)anthracene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Dibenzofuran	10.0		<10	<10.3	<10.0	<10.0	<10.6
Diethylphthalate	10.0		<10	<10.3	<10.0	<10.0	<10.6
Dimethylphthalate	10.0		<10	<10.3	<10.0	<10.0	<10.6
Fluoranthene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Fluorene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Hexachlorobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Hexachlorobutadiene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Hexachlorocyclopentadiene	10.0		<10 J	<10.3 J	<10.0 R	<10.0 J	<10.6
Hexachloroethane	10.0		<10	<10.3	<10.0	<10.0	<10.6
Indeno(1,2,3-cd)pyrene	10.0		<10 J	<10.3	<10.0	<10.0	<10.6
Isophorone	10.0		<10	<10.3	<10.0	<10.0	<10.6
Naphthalene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Nitrobenzene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Pentachlorophenol	30.0		<31	<30.9	<30.0	<30.0	<31.9
Phenanthrene	10.0		<10	<10.3	<10.0	<10.0	<10.6
Phenol	10.0		<10	<10.3	<10.0	<10.0	<10.6
Pyrene	10.0		<10	<10.3	<10.0	<10.0	<10.6
bis(2-Chloroethoxy)methane	10.0		<10	<10.3	<10.0	<10.0	<10.6
bis(2-Chloroethyl)ether	10.0		<10	<10.3	<10.0	<10.0	<10.6
bis(2-Chloroisopropyl)ether	10.0		<10	<10.3	<10.0	<10.0	<10.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-03 13-APR-95	ST14-03 13-JUL-95	ST14-03 18-OCT-95	ST14-03 12-JAN-96	FDUP-6 12-JAN-96 Duplicate of ST14-03
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		<10	4.17 JQ	7.45 JQ	<10.0	<10.6
n-Nitrosodinpropylamine	10.0		<10	<10.3	<10.0	<10.0	<10.6
n-Nitrosodiphenylamine	10.0		<10	<10.3	<10.0	<10.0	<10.6
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		84	78	78.7	64.0	66.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		79	71	97.0	75.0	64.2
sur-2-Fluorophenol R% (21 - 100)	-		75	62	69.3	67.3	57.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		73	75	78.0	64.0	67.3
sur-Phenol-d6 R% (10 - 94)	-		76	67	68.0	63.0	56.9
sur-Terphenyl-d14 R% (38 - 141)	-		94	74	80.0	61.0	69.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		57000	17800	25400	16900
Antimony	250		<250	<250	<250	<250
Barium	20.0		710	332	1870	301
Beryllium	3.00		7.0	<3.00	19.0	<3.00
Cadmium	10.0		22	<10.0	<100	<10.0
Calcium	100		1200000	421000	482000	366000
Chromium	50.0		140	<50.0	214	<50.0
Cobalt	50.0		77	<50.0	94.0	<50.0
Copper	50.0		130	<50.0	368	<50.0
Iron	50.0		150000	43500	58600	41600
Magnesium	250		22000	11000	60600	10500
Manganese	10.0		1300	600	687	553
Molybdenum	50.0		<50	<50.0	118	<50.0
Nickel	50.0		170	<50.0	248	<50.0
Potassium	600		11000	4460	28900	4740
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		25000	25600	136000	29300
Vanadium	50.0		330	87.0	666	91.0
Zinc	10.0		420	117	896	102
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		17	32.3	9.28	19.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		150	40.8	67.2	35.5
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	5.23	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<2.0	<2.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<2.0	<2.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<4.0	<5.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<2.0	<2.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<2.0	<2.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<4.0	<5.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<2.0	<2.50	<0.500	<0.500
2-Butanone	5.00		<20	<25.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<20	<25.0 R	<5.00 R	<5.00 R
2-Hexanone	5.00		<20	<25.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<20	<25.0	<5.00	<5.00
Acetone	5.00		<20	<25.0	<5.00	<5.00
Benzene	0.500		<2.0	<2.50	<0.500	<0.500
Bromodichloromethane	0.500		<2.0	<2.50	<0.500	<0.500
Bromoform	1.00		<4.0	<5.00	<1.00	<1.00
Bromomethane	2.00		<8.0	<10.0	<2.00	<2.00
Carbon disulfide	1.00		<4.0	<5.00	<1.00	<1.00
Carbon tetrachloride	0.500		<2.0	<2.50	<0.500	<0.500
Chlorobenzene	0.500		<2.0	<2.50	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<8.0	<10.0	<2.00	<2.00
Chloroform	0.500		<2.0	<2.50	<0.500	<0.500
Chloromethane	2.00		<8.0	<10.0	<2.00	<2.00
Dibromochloromethane	0.500		<2.0	<2.50	<0.500	<0.500
Ethylbenzene	0.500		<2.0	<2.50	<0.500	<0.500
Methylene chloride	2.00		8.4 JB	9.70 JB	<2.00	<2.00
Styrene	0.500		<2.0	<2.50	<0.500	<0.500
Tetrachloroethene	0.500		<2.0	<2.50	<0.500	<0.500
Toluene	0.500		<2.0	<2.50	<0.500	<0.500
Trichloroethene	0.500		<2.0	<2.50	<0.500	<0.500
Vinyl acetate	5.00		<20	<25.0	<5.00	<5.00
Vinyl chloride	2.00		<8.0	<10.0	<2.00	<2.00
Xylenes (total)	1.00		<4.0	<5.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<2.0	<2.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<2.0	<2.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<2.0	<2.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<2.0	<2.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		99	98	102.0	105.0
sur-Bromofluorobenzene R% (86 - 115)	-		108	98	112.0	112.0
sur-Toluene-d8 R% (88 - 110)	-		103	108	107.0	106.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<52	<10.3	<10.2	<11.2
1,2-Dichlorobenzene	10.0		<52	<10.3	<10.2	<11.2
1,3-Dichlorobenzene	10.0		<52	<10.3	<10.2	<11.2
1,4-Dichlorobenzene	10.0		<52	<10.3	<10.2	<11.2
2,4,5-Trichlorophenol	20.0		<100	<20.6	<20.4	<22.5
2,4,6-Trichlorophenol	10.0		<52	<10.3	<10.2	<11.2
2,4-Dichlorophenol	10.0		<52	<10.3	<10.2	<11.2
2,4-Dimethylphenol	10.0		<52	<10.3	<10.2	<11.2
2,4-Dinitrophenol	50.0		<260	<51.6 J	<51.0	<56.2
2,4-Dinitrotoluene	10.0		<52	<10.3	<10.2	<11.2
2,6-Dinitrotoluene	10.0		<52	<10.3	<10.2	<11.2
2-Chloronaphthalene	10.0		<52	<10.3	<10.2	<11.2
2-Chlorophenol	10.0		<52	<10.3	<10.2	<11.2
2-Methylnaphthalene	10.0		23 JQ	18.8	15.6	<11.2
2-Methylphenol	10.0		<52	<10.3	<10.2	<11.2
2-Nitroaniline	50.0		<260	<51.6	<51.0	<56.2
2-Nitrophenol	10.0		<52	<10.3	<10.2	<11.2
3,3'-Dichlorobenzidine	20.0		<100	<20.6	<20.4	<22.5
3-Nitroaniline	50.0		<260	<51.6	<51.0	<56.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<260	<51.6	<51.0	<56.2
4-Bromophenyl phenyl ether	10.0		<52	<10.3	<10.2	<11.2
4-Chloro-3-methylphenol	10.0		<52	<10.3	<10.2	<11.2
4-Chloroaniline	20.0		<100	<20.6	<20.4 J	<22.5 J
4-Chlorophenyl phenyl ether	10.0		<52	<10.3	<10.2	<11.2
4-Methylphenol	10.0		<52	<10.3	<10.2	<11.2
4-Nitroaniline	50.0		<260	<51.6 J	<51.0	<56.2
4-Nitrophenol	50.0		<260	<51.6	<51.0	<56.2
Acenaphthene	10.0		<52	2.02 JQ	<10.2	<11.2
Acenaphthylene	10.0		<52	<10.3	<10.2	<11.2
Anthracene	10.0		<52	<10.3	<10.2	<11.2
Benz(a)anthracene	10.0		<52	<10.3	<10.2	<11.2
Benzo(a)pyrene	10.0		<52	<10.3	<10.2	<11.2
Benzo(b)fluoranthene	10.0		<52	<10.3	<10.2	<11.2
Benzo(g,h,i)perylene	10.0		<52	<10.3	<10.2	<11.2
Benzo(k)fluoranthene	10.0		<52	<10.3	<10.2	<11.2
Benzoic acid	50.0		<260 J	<51.6	<51.0	<56.2
Benzyl alcohol	20.0		<100	<20.6	<20.4	<22.5
Butyl benzyl phthalate	10.0		<52	12.3	<10.2	21.7
Chrysene	10.0		<52	<10.3	<10.2	<11.2
Di-n-butylphthalate	10.0		<52	<10.3	<10.2	<11.2
Di-n-octylphthalate	10.0		<52	<10.3	<10.2	<11.2
Dibenz(a,h)anthracene	10.0		<52	<10.3	<10.2	<11.2
Dibenzofuran	10.0		<52	2.43 JQ	1.75 JQ	<11.2
Diethylphthalate	10.0		<52	<10.3	<10.2	<11.2
Dimethylphthalate	10.0		<52	<10.3	<10.2	<11.2
Fluoranthene	10.0		<52	<10.3	<10.2	<11.2
Fluorene	10.0		<52	0.732 JQ	<10.2	<11.2
Hexachlorobenzene	10.0		<52	<10.3	<10.2	<11.2
Hexachlorobutadiene	10.0		<52	<10.3	<10.2	<11.2
Hexachlorocyclopentadiene	10.0		<52 J	<10.3 J	<10.2 R	<11.2 J
Hexachloroethane	10.0		<52	<10.3	<10.2	<11.2
Indeno(1,2,3-cd)pyrene	10.0		<52	<10.3	<10.2	<11.2
Isophorone	10.0		<52	<10.3	<10.2	<11.2
Naphthalene	10.0		7.1 JQ	2.44 JQ	<10.2	<11.2
Nitrobenzene	10.0		<52	<10.3	<10.2	<11.2
Pentachlorophenol	30.0		<160	<30.9	<30.6	<33.7
Phenanthrene	10.0		<52	<10.3	<10.2	<11.2
Phenol	10.0		<52	22.1	<10.2	<11.2
Pyrene	10.0		<52	<10.3	<10.2	<11.2
bis(2-Chloroethoxy)methane	10.0		<52	<10.3	<10.2	<11.2
bis(2-Chloroethyl)ether	10.0		<52	<10.3	<10.2	<11.2
bis(2-Chloroisopropyl)ether	10.0		<52	<10.3 J	<10.2	<11.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-04 10-APR-95	ST14-04 12-JUL-95	ST14-04 21-OCT-95	ST14-04 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<52	<10.3	<10.2	<11.2
n-Nitrosodinpropylamine	10.0		<52	<10.3	<10.2	<11.2
n-Nitrosodiphenylamine	10.0		<52	<10.3	<10.2	<11.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		37	73	73.2	65.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		58	66	62.1	77.2
sur-2-Fluorophenol R% (21 - 100)	-		48	83	66.0	58.8
sur-Nitrobenzene-d5 R% (35 - 114)	-		48	112	88.0	70.3
sur-Phenol-d6 R% (10 - 94)	-		39	80	69.3	62.7
sur-Terphenyl-d14 R% (38 - 141)	-		52	75	65.0	62.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		6500	8650	<500	4360
Antimony	250		<250	<250	<250	<250
Barium	20.0		220	291	215	312
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		230000	304000	119000	179000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		8200	15700	2760	8130
Magnesium	250		9500	10600	7180	8240
Manganese	10.0		1200	1500	1290	1560
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		5900	6890	4960	5640
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		20000	21200	21100	25800
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		21	14.0	21.0	13.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	8.31	7.56	9.18
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	
Chloroform	0.500		-	-	-	-	
Chloromethane	2.00		-	-	-	-	
Dibromochloromethane	0.500		-	-	-	-	
Ethylbenzene	0.500		-	-	-	-	
Methylene chloride	2.00		-	-	-	-	
Styrene	0.500		-	-	-	-	
Tetrachloroethene	0.500		-	-	-	-	
Toluene	0.500		-	-	-	-	
Trichloroethene	0.500		-	-	-	-	
Vinyl acetate	5.00		-	-	-	-	
Vinyl chloride	2.00		-	-	-	-	
Xylenes (total)	1.00		-	-	-	-	
cis-1,2-Dichloroethene	0.500		-	-	-	-	
cis-1,3-Dichloropropene	0.500		-	-	-	-	
trans-1,2-Dichloroethene	0.500		-	-	-	-	
trans-1,3-Dichloropropene	0.500		-	-	-	-	
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500	
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500	
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00	
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500	
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500	
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00	
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500	
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00	J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00	R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00	J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00	J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00	J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500	
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500	
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00	
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00	
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00	
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500	
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500	

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	0.574	0.671	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	2.05	2.89	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	0.729	0.670	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	95	94.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		95	93	96.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		100	100	99.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.4	<10.8	<10.3
1,2-Dichlorobenzene	10.0		<11	<10.4	<10.8	<10.3
1,3-Dichlorobenzene	10.0		<11	<10.4	<10.8	<10.3
1,4-Dichlorobenzene	10.0		<11	<10.4	<10.8	<10.3
2,4,5-Trichlorophenol	20.0		<21	<20.8	<21.5	<20.6
2,4,6-Trichlorophenol	10.0		<11	<10.4	<10.8	<10.3
2,4-Dichlorophenol	10.0		<11	<10.4	<10.8	<10.3
2,4-Dimethylphenol	10.0		<11	<10.4	<10.8	<10.3
2,4-Dinitrophenol	50.0		<53	<52.1 J	<53.8 J	<51.6
2,4-Dinitrotoluene	10.0		<11	<10.4	<10.8	<10.3
2,6-Dinitrotoluene	10.0		<11	<10.4	<10.8	<10.3
2-Chloronaphthalene	10.0		<11	<10.4	<10.8	<10.3
2-Chlorophenol	10.0		<11	<10.4	<10.8	<10.3
2-Methylnaphthalene	10.0		<11	<10.4	<10.8	<10.3
2-Methylphenol	10.0		<11	<10.4	<10.8	<10.3
2-Nitroaniline	50.0		<53	<52.1	<53.8	<51.6
2-Nitrophenol	10.0		<11	<10.4	<10.8	<10.3
3,3'-Dichlorobenzidine	20.0		<21	<20.8 J	<21.5	<20.6
3-Nitroaniline	50.0		<53	<52.1	<53.8	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<52.1	<53.8	<51.6
4-Bromophenyl phenyl ether	10.0		<11	<10.4	<10.8	<10.3
4-Chloro-3-methylphenol	10.0		<11	<10.4	<10.8	<10.3
4-Chloroaniline	20.0		<21	<20.8	<21.5	<20.6 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.4	<10.8	<10.3
4-Methylphenol	10.0		<11	<10.4	<10.8	<10.3
4-Nitroaniline	50.0		<53	<52.1 J	<53.8	<51.6
4-Nitrophenol	50.0		<53	<52.1	<53.8	<51.6
Acenaphthene	10.0		<11	<10.4	<10.8	<10.3
Acenaphthylene	10.0		<11	<10.4	<10.8	<10.3
Anthracene	10.0		<11	<10.4	<10.8	<10.3
Benz(a)anthracene	10.0		<11	<10.4	<10.8	<10.3
Benzo(a)pyrene	10.0		<11	<10.4	<10.8	<10.3
Benzo(b)fluoranthene	10.0		<11	<10.4	<10.8	<10.3
Benzo(g,h,i)perylene	10.0		<11	<10.4	<10.8	<10.3
Benzo(k)fluoranthene	10.0		<11	<10.4	<10.8	<10.3
Benzoic acid	50.0		<53 J	<52.1 J	<53.8	<51.6
Benzyl alcohol	20.0		<21	<20.8	<21.5	<20.6
Butyl benzyl phthalate	10.0		<11	8.12 JQ	6.60 JQ	2.72 JQ
Chrysene	10.0		<11	<10.4	<10.8	<10.3
Di-n-butylphthalate	10.0		0.93 JQ	0.569 JB	<10.8	<10.3
Di-n-octylphthalate	10.0		<11	<10.4	<10.8	<10.3
Dibenz(a,h)anthracene	10.0		<11	<10.4	<10.8	<10.3
Dibenzofuran	10.0		<11	<10.4	<10.8	<10.3
Diethylphthalate	10.0		<11	<10.4	<10.8	<10.3
Dimethylphthalate	10.0		<11	<10.4	<10.8	<10.3
Fluoranthene	10.0		<11	<10.4	<10.8	<10.3
Fluorene	10.0		<11	<10.4	<10.8	<10.3
Hexachlorobenzene	10.0		<11	<10.4	<10.8	<10.3
Hexachlorobutadiene	10.0		<11	<10.4	<10.8	<10.3
Hexachlorocyclopentadiene	10.0		<11 J	<10.4	<10.8 R	<10.3 R
Hexachloroethane	10.0		<11	<10.4	<10.8	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.4	<10.8	<10.3
Isophorone	10.0		<11	<10.4	<10.8	<10.3
Naphthalene	10.0		<11	<10.4	<10.8	<10.3
Nitrobenzene	10.0		<11	<10.4	<10.8	<10.3
Pentachlorophenol	30.0		<32	<31.3	<32.2	<30.9
Phenanthrene	10.0		<11	<10.4	<10.8	<10.3
Phenol	10.0		<11	<10.4	<10.8	<10.3
Pyrene	10.0		<11	<10.4	<10.8	<10.3
bis(2-Chloroethoxy)methane	10.0		<11	<10.4	<10.8	<10.3
bis(2-Chloroethyl)ether	10.0		<11	<10.4	<10.8	<10.3
bis(2-Chloroisopropyl)ether	10.0		<11	<10.4	<10.8 JL	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W05 09-APR-95	ST14-W05 13-JUL-95	ST14-W05 19-OCT-95	ST14-W05 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	8.29 JB	<10.8	<10.3
n-Nitrosodinpropylamine	10.0		<11	<10.4	<10.8	<10.3
n-Nitrosodiphenylamine	10.0		<11	<10.4	<10.8	<10.3
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		62	69	64.0	78.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		51	73	67.7	72.0
sur-2-Fluorophenol R% (21 - 100)	-		52	66	72.0	67.7
sur-Nitrobenzene-d5 R% (35 - 114)	-		58	78	70.6	64.1
sur-Phenol-d6 R% (10 - 94)	-		55	73	65.2	67.7
sur-Terphenyl-d14 R% (38 - 141)	-		57	79	89.6	67.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1600	<500	5760	1430
Antimony	250		<250	<250	<250	<250
Barium	20.0		190	204	269	230
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		190000	115000	283000	162000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		1500	271	6260	2370
Magnesium	250		7100	7520	8590	8110
Manganese	10.0		420	555	4230	1690
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		4700	5220	8390	5790
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		19000	19600	21500	23000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		11	<10.0	40.0	11.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	5.91	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: Sample Date: Notes:	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	97	96.0	88.0
sur-Bromofluorobenzene R% (86 - 115)	-		94	92	92.0	93.0
sur-Toluene-d8 R% (88 - 110)	-		101	99	97.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.3	<11.0	<10.2
1,2-Dichlorobenzene	10.0		<11	<10.3	<11.0	<10.2
1,3-Dichlorobenzene	10.0		<11	<10.3	<11.0	<10.2
1,4-Dichlorobenzene	10.0		<11	<10.3	<11.0	<10.2
2,4,5-Trichlorophenol	20.0		<22	<20.6	<22.0	<20.4
2,4,6-Trichlorophenol	10.0		<11	<10.3	<11.0	<10.2
2,4-Dichlorophenol	10.0		<11	<10.3	<11.0 R	<10.2
2,4-Dimethylphenol	10.0		<11	<10.3	<11.0	<10.2
2,4-Dinitrophenol	50.0		<54	<51.6 J	<55.0 R	<51.0
2,4-Dinitrotoluene	10.0		<11	<10.3	<11.0	<10.2
2,6-Dinitrotoluene	10.0		<11	<10.3	<11.0	<10.2
2-Chloronaphthalene	10.0		<11	<10.3	<11.0	<10.2
2-Chlorophenol	10.0		<11	<10.3	<11.0	<10.2
2-Methylnaphthalene	10.0		<11	<10.3	<11.0	<10.2
2-Methylphenol	10.0		<11	<10.3	<11.0	<10.2
2-Nitroaniline	50.0		<54	<51.6	<55.0	<51.0
2-Nitrophenol	10.0		<11	<10.3	<11.0	<10.2
3,3'-Dichlorobenzidine	20.0		<22	<20.6	<22.0 J	<20.4 J
3-Nitroaniline	50.0		<54	<51.6	<55.0	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<51.6	<55.0 R	<51.0
4-Bromophenyl phenyl ether	10.0		<11	<10.3	<11.0	<10.2
4-Chloro-3-methylphenol	10.0		<11	<10.3	<11.0	<10.2
4-Chloroaniline	20.0		<22	<20.6	<22.0	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.3	<11.0	<10.2
4-Methylphenol	10.0		<11	<10.3	<11.0	<10.2
4-Nitroaniline	50.0		<54	<51.6 J	<55.0	<51.0
4-Nitrophenol	50.0		<54	<51.6	<55.0 R	<51.0
Acenaphthene	10.0		<11	<10.3	<11.0	<10.2
Acenaphthylene	10.0		<11	<10.3	<11.0	<10.2
Anthracene	10.0		<11	<10.3	<11.0	<10.2
Benz(a)anthracene	10.0		<11	<10.3	<11.0	<10.2
Benzo(a)pyrene	10.0		<11	<10.3	<11.0	<10.2
Benzo(b)fluoranthene	10.0		<11	<10.3	<11.0	<10.2
Benzo(g,h,i)perylene	10.0		<11	<10.3	<11.0	<10.2
Benzo(k)fluoranthene	10.0		<11	<10.3	<11.0	<10.2
Benzoic acid	50.0		<54 J	<51.6 J	<55.0 J	<51.0
Benzyl alcohol	20.0		<22	<20.6	<22.0	<20.4
Butyl benzyl phthalate	10.0		<11	27.6	5.43 JQ	4.40 JQ
Chrysene	10.0		<11	<10.3	<11.0	<10.2
Di-n-butylphthalate	10.0		<11	1.68 JB	<11.0	<10.2
Di-n-octylphthalate	10.0		<11	<10.3	<11.0	<10.2
Dibenz(a,h)anthracene	10.0		<11	<10.3	<11.0	<10.2
Dibenzofuran	10.0		<11	<10.3	<11.0	<10.2
Diethylphthalate	10.0		<11	<10.3	<11.0	<10.2
Dimethylphthalate	10.0		<11	<10.3	<11.0	<10.2
Fluoranthene	10.0		<11	<10.3	<11.0	<10.2
Fluorene	10.0		<11	<10.3	<11.0	<10.2
Hexachlorobenzene	10.0		<11	<10.3	<11.0	<10.2
Hexachlorobutadiene	10.0		<11	<10.3	<11.0	<10.2
Hexachlorocyclopentadiene	10.0		<11 J	<10.3 J	<11.0 R	<10.2 R
Hexachloroethane	10.0		<11	<10.3	<11.0 JL	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.3	<11.0	<10.2
Isophorone	10.0		<11	<10.3	<11.0	<10.2
Naphthalene	10.0		<11	<10.3	<11.0	<10.2
Nitrobenzene	10.0		<11	<10.3	<11.0	<10.2
Pentachlorophenol	30.0		<33	<30.9	<33.0 R	<30.6
Phenanthrene	10.0		<11	<10.3	<11.0	<10.2
Phenol	10.0		<11	<10.3	<11.0 R	<10.2
Pyrene	10.0		<11	<10.3	<11.0	<10.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.3	<11.0	<10.2
bis(2-Chloroethyl)ether	10.0		<11	<10.3	<11.0	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.3	<11.0	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W06 19-OCT-95	ST14-W06 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	11.9 JB	<11.0	<10.2
n-Nitrosodinpropylamine	10.0		<11	<10.3	<11.0	<10.2
n-Nitrosodiphenylamine	10.0		<11	<10.3	<11.0	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	59	59.0	64.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		73	71	76.9	76.1
sur-2-Fluorophenol R% (21 - 100)	-		75	45	63.0	60.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		73	77	76.9	72.1
sur-Phenol-d6 R% (10 - 94)	-		61	51	47.0	57.0
sur-Terphenyl-d14 R% (38 - 141)	-		73	71	82.9	72.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W07 09-APR-95	ST14-W07 13-JUL-95	ST14-W07 19-OCT-95	ST14-W07 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		14000	<500	25200	27000
Antimony	250		<250	<250	<250	<250
Barium	20.0		210	121	294	291
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		360000	117000	616000	510000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		12000	<50.0	22100	22300
Magnesium	250		12000	9190	14200	14300
Manganese	10.0		250	72.0	447	413
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		7400	5220	12200	10400
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		20000	18900	20200	22000
Vanadium	50.0		<50	<50.0	72.0	76.0
Zinc	10.0		73	<10.0	117	100
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		9.7	<5.00	23.8	22.8
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W07 09-APR-95	ST14-W07 13-JUL-95	ST14-W07 19-OCT-95	ST14-W07 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W07 09-APR-95	ST14-W07 13-JUL-95	ST14-W07 19-OCT-95	ST14-W07 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W07 09-APR-95	ST14-W07 13-JUL-95	ST14-W07 19-OCT-95	ST14-W07 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	0.267 JQ	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	96	94.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		94	92	96.0	95.0
sur-Toluene-d8 R% (88 - 110)	-		101	98	96.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.0	<10.8	<10.0
1,2-Dichlorobenzene	10.0		<12	<10.0	<10.8	<10.0
1,3-Dichlorobenzene	10.0		<12	<10.0	<10.8	<10.0
1,4-Dichlorobenzene	10.0		<12	<10.0	<10.8	<10.0
2,4,5-Trichlorophenol	20.0		<23	<20.0	<21.5	<20.0
2,4,6-Trichlorophenol	10.0		<12	<10.0	<10.8	<10.0
2,4-Dichlorophenol	10.0		<12	<10.0	<10.8 R	<10.0
2,4-Dimethylphenol	10.0		<12	<10.0	<10.8	<10.0
2,4-Dinitrophenol	50.0		<58	<50.0 J	<53.8 R	<50.0
2,4-Dinitrotoluene	10.0		<12	<10.0	<10.8	<10.0
2,6-Dinitrotoluene	10.0		<12	<10.0	<10.8	<10.0
2-Chloronaphthalene	10.0		<12	<10.0	<10.8	<10.0
2-Chlorophenol	10.0		<12	<10.0	<10.8	<10.0
2-Methylnaphthalene	10.0		<12	<10.0	<10.8	<10.0
2-Methylphenol	10.0		<12	<10.0	<10.8	<10.0
2-Nitroaniline	50.0		<58	<50.0	<53.8	<50.0
2-Nitrophenol	10.0		<12	<10.0	<10.8	<10.0
3,3'-Dichlorobenzidine	20.0		<23	<20.0	<21.5 J	<20.0
3-Nitroaniline	50.0		<58	<50.0	<53.8	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W07 09-APR-95	ST14-W07 13-JUL-95	ST14-W07 19-OCT-95	ST14-W07 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<58	<50.0	<53.8 R	<50.0
4-Bromophenyl phenyl ether	10.0		<12	<10.0	<10.8	<10.0
4-Chloro-3-methylphenol	10.0		<12	<10.0	<10.8	<10.0
4-Chloroaniline	20.0		<23	<20.0	<21.5	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.0	<10.8	<10.0
4-Methylphenol	10.0		<12	<10.0	<10.8	<10.0
4-Nitroaniline	50.0		<58	<50.0 J	<53.8	<50.0
4-Nitrophenol	50.0		<58	<50.0	<53.8 R	<50.0
Acenaphthene	10.0		<12	<10.0	<10.8	<10.0
Acenaphthylene	10.0		<12	<10.0	<10.8	<10.0
Anthracene	10.0		<12	<10.0	<10.8	<10.0
Benz(a)anthracene	10.0		<12	<10.0	<10.8	<10.0
Benzo(a)pyrene	10.0		<12	<10.0	<10.8	<10.0
Benzo(b)fluoranthene	10.0		<12	<10.0	<10.8	<10.0
Benzo(g,h,i)perylene	10.0		<12	<10.0	<10.8	<10.0
Benzo(k)fluoranthene	10.0		<12	<10.0	<10.8	<10.0
Benzoic acid	50.0		<58 J	<50.0 J	<53.8 J	<50.0
Benzyl alcohol	20.0		<23	<20.0	<21.5	<20.0
Butyl benzyl phthalate	10.0		<12	40.9	8.99 JQ	15.2
Chrysene	10.0		<12	<10.0	<10.8	<10.0
Di-n-butylphthalate	10.0		<12	0.921 JB	<10.8	<10.0
Di-n-octylphthalate	10.0		<12	<10.0	<10.8	<10.0
Dibenz(a,h)anthracene	10.0		<12	<10.0	<10.8	<10.0
Dibenzofuran	10.0		<12	<10.0	<10.8	<10.0
Diethylphthalate	10.0		<12	<10.0	<10.8	<10.0
Dimethylphthalate	10.0		<12	<10.0	<10.8	<10.0
Fluoranthene	10.0		<12	<10.0	<10.8	<10.0
Fluorene	10.0		<12	<10.0	<10.8	<10.0
Hexachlorobenzene	10.0		<12	<10.0	<10.8	<10.0
Hexachlorobutadiene	10.0		<12	<10.0	<10.8	<10.0
Hexachlorocyclopentadiene	10.0		<12 J	<10.0 J	<10.8 R	<10.0 R
Hexachloroethane	10.0		<12	<10.0	<10.8 JL	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.0	<10.8	<10.0
Isophorone	10.0		<12	<10.0	<10.8	<10.0
Naphthalene	10.0		<12	<10.0	<10.8	<10.0
Nitrobenzene	10.0		<12	<10.0	<10.8	<10.0
Pentachlorophenol	30.0		<35	<30.0	<32.2 R	<30.0
Phenanthrene	10.0		<12	<10.0	<10.8	<10.0
Phenol	10.0		<12	<10.0	<10.8 R	11.1
Pyrene	10.0		<12	<10.0	<10.8	<10.0
bis(2-Chloroethoxy)methane	10.0		<12	<10.0	<10.8	<10.0
bis(2-Chloroethyl)ether	10.0		<12	<10.0	<10.8	<10.0
bis(2-Chloroisopropyl)ether	10.0		<12	<10.0	<10.8	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		43000	20800	9290	10800
Antimony	250		<250	<250	<250	<250
Barium	20.0		280	191	97.0	109
Beryllium	3.00		4.0	<3.00	<3.00	<3.00
Cadmium	10.0		14	<10.0	<10.0	<10.0
Calcium	100		410000	266000	176000	176000
Chromium	50.0		74	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		59	<50.0	<50.0	<50.0
Iron	50.0		55000	28900	12600	14100
Magnesium	250		15000	11400	8930	9420
Manganese	10.0		1100	811	554	636
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		72	<50.0	<50.0	<50.0
Potassium	600		8600	4320	2560	2720
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		27000	24600	25700	27100
Vanadium	50.0		190	96.0	<50.0	<50.0
Zinc	10.0		890	81.0	32.0	40.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		5.5	8.66	12.6	16.2
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		52	31.2	13.9	14.1
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.20	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		0.70	0.776	<0.500	0.411
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		0.44 JQ	0.545	<0.500	0.153 JQ
Methylene chloride	2.00		2.3 JB	1.94 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		0.68	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		105	99	101.0	107.0
sur-Bromofluorobenzene R% (86 - 115)	-		95	93	91.0	97.0
sur-Toluene-d8 R% (88 - 110)	-		109	109	107.0	103.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.2	<11.0	<10.2
1,2-Dichlorobenzene	10.0		<10	<10.2	<11.0	<10.2
1,3-Dichlorobenzene	10.0		<10	<10.2	<11.0	<10.2
1,4-Dichlorobenzene	10.0		<10	<10.2	<11.0	<10.2
2,4,5-Trichlorophenol	20.0		<21	<20.4	<22.0	<20.4
2,4,6-Trichlorophenol	10.0		<10	<10.2	<11.0	<10.2
2,4-Dichlorophenol	10.0		<10	<10.2	<11.0 R	<10.2
2,4-Dimethylphenol	10.0		<10	<10.2	<11.0	<10.2
2,4-Dinitrophenol	50.0		<53	<51.0 J	<55.0 R	<51.0
2,4-Dinitrotoluene	10.0		<10	<10.2	<11.0	<10.2
2,6-Dinitrotoluene	10.0		<10	<10.2	<11.0	<10.2
2-Chloronaphthalene	10.0		<10	<10.2	<11.0	<10.2
2-Chlorophenol	10.0		<10	<10.2	<11.0	<10.2
2-Methylnaphthalene	10.0		<10	<10.2	<11.0	<10.2
2-Methylphenol	10.0		<10	<10.2	<11.0	<10.2
2-Nitroaniline	50.0		<53 J	<51.0	<55.0	<51.0
2-Nitrophenol	10.0		<10	<10.2	<11.0	<10.2
3,3'-Dichlorobenzidine	20.0		<21	<20.4 J	<22.0 J	<20.4
3-Nitroaniline	50.0		<53 J	<51.0	<55.0	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<51.0	<55.0 R	<51.0
4-Bromophenyl phenyl ether	10.0		<10	<10.2	<11.0	<10.2
4-Chloro-3-methylphenol	10.0		<10	<10.2	<11.0	<10.2
4-Chloroaniline	20.0		<21	<20.4	<22.0	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.2	<11.0	<10.2
4-Methylphenol	10.0		<10	<10.2	<11.0	<10.2
4-Nitroaniline	50.0		<53 J	<51.0 J	<55.0	<51.0
4-Nitrophenol	50.0		<53	<51.0	<55.0 R	<51.0
Acenaphthene	10.0		<10	<10.2	<11.0	<10.2
Acenaphthylene	10.0		<10	<10.2	<11.0	<10.2
Anthracene	10.0		<10	<10.2	<11.0	<10.2
Benz(a)anthracene	10.0		<10	<10.2	<11.0	<10.2
Benzo(a)pyrene	10.0		<10	<10.2	<11.0	<10.2
Benzo(b)fluoranthene	10.0		<10	<10.2	<11.0	<10.2
Benzo(g,h,i)perylene	10.0		<10	<10.2	<11.0	<10.2
Benzo(k)fluoranthene	10.0		<10	<10.2	<11.0	<10.2
Benzoic acid	50.0		<53 J	<51.0	<55.0 J	<51.0
Benzyl alcohol	20.0		<21	<20.4	<22.0	<20.4
Butyl benzyl phthalate	10.0		<10	14.4	12.9	18.2
Chrysene	10.0		<10	<10.2	<11.0	<10.2
Di-n-butylphthalate	10.0		0.58 JQ	1.40 JH	<11.0	<10.2
Di-n-octylphthalate	10.0		<10	<10.2	<11.0	<10.2
Dibenz(a,h)anthracene	10.0		<10	<10.2	<11.0	<10.2
Dibenzofuran	10.0		<10	<10.2	<11.0	<10.2
Diethylphthalate	10.0		<10	<10.2	<11.0	<10.2
Dimethylphthalate	10.0		<10	<10.2	<11.0	<10.2
Fluoranthene	10.0		<10	<10.2	<11.0	<10.2
Fluorene	10.0		<10	<10.2	<11.0	<10.2
Hexachlorobenzene	10.0		<10	<10.2	<11.0	<10.2
Hexachlorobutadiene	10.0		<10	<10.2	<11.0	<10.2
Hexachlorocyclopentadiene	10.0		<10	<10.2	<11.0 R	<10.2 R
Hexachloroethane	10.0		<10	<10.2	<11.0 JL	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.2	<11.0	<10.2
Isophorone	10.0		<10	<10.2	<11.0	<10.2
Naphthalene	10.0		0.72 JQ	1.88 JQ	<11.0	<10.2
Nitrobenzene	10.0		<10	<10.2	<11.0	<10.2
Pentachlorophenol	30.0		<32	<30.6	<33.0 R	<30.6
Phenanthrene	10.0		<10	<10.2	<11.0	<10.2
Phenol	10.0		<10	<10.2	<11.0 R	<10.2
Pyrene	10.0		<10	<10.2	<11.0	<10.2
bis(2-Chloroethoxy)methane	10.0		<10	<10.2	<11.0	<10.2
bis(2-Chloroethyl)ether	10.0		<10	<10.2	<11.0	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10	<10.2	<11.0	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W08 19-OCT-95	ST14-W08 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.2	<11.0	<10.2
n-Nitrosodinpropylamine	10.0		<10	<10.2	<11.0	<10.2
n-Nitrosodiphenylamine	10.0		<10	<10.2	<11.0	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	80	69.1	73.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	78	68.9	76.1
sur-2-Fluorophenol R% (21 - 100)	-		75	75	53.9	64.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		68	85	66.9	64.0
sur-Phenol-d6 R% (10 - 94)	-		57	74	59.0	61.0
sur-Terphenyl-d14 R% (38 - 141)	-		67	97	77.9	61.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		32000	<500	17900	18000
Antimony	250		<250 JL	<250	<250	<250
Barium	20.0		360	111	246	255
Beryllium	3.00		3.0	<3.00	<3.00	<3.00
Cadmium	10.0		12	<10.0	<10.0	<10.0
Calcium	100		560000	145000	384000	352000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		28000	191	21500	19900
Magnesium	250		14000	7430	11200	11500
Manganese	10.0		520	102	610	422
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		7700	1520	4650	5950
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		17000	15100	16300	17100
Vanadium	50.0		74	<50.0	<50.0	<50.0
Zinc	10.0		110	15.0	49.0	52.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<25	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		17	<5.00	11.0	11.6
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<25	<5.00	<5.00 JL	<5.00 JL
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<10	<2.00	<2.00 JL	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.7 JB	3.74	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		0.54 JB	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	6.56 JL	1.50
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	7.50	0.809
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	2.67	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		98	100	94.0	90.0
sur-Bromofluorobenzene R% (86 - 115)	-		95	90	92.0	86.0
sur-Toluene-d8 R% (88 - 110)	-		101	97	100.0	96.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.9	<11.2	<10.0
1,2-Dichlorobenzene	10.0		<11	<10.9	<11.2	<10.0
1,3-Dichlorobenzene	10.0		<11	<10.9	<11.2	<10.0
1,4-Dichlorobenzene	10.0		<11	<10.9	<11.2	<10.0
2,4,5-Trichlorophenol	20.0		<21	<21.7	<22.5	<20.0
2,4,6-Trichlorophenol	10.0		<11	<10.9	<11.2	<10.0
2,4-Dichlorophenol	10.0		<11	<10.9	<11.2	<10.0
2,4-Dimethylphenol	10.0		<11	<10.9	<11.2 JL	<10.0
2,4-Dinitrophenol	50.0		<53	<54.4 J	<56.2 J	<50.0 J
2,4-Dinitrotoluene	10.0		<11	<10.9	<11.2	<10.0
2,6-Dinitrotoluene	10.0		<11	<10.9	<11.2	<10.0
2-Chloronaphthalene	10.0		<11	<10.9	<11.2	<10.0
2-Chlorophenol	10.0		<11	<10.9	<11.2	<10.0
2-Methylnaphthalene	10.0		<11	<10.9	<11.2	<10.0
2-Methylphenol	10.0		<11	<10.9	<11.2	<10.0
2-Nitroaniline	50.0		<53	<54.4	<56.2	<50.0
2-Nitrophenol	10.0		<11	<10.9	<11.2	<10.0
3,3'-Dichlorobenzidine	20.0		<21	<21.7	<22.5 J	<20.0
3-Nitroaniline	50.0		<53	<54.4	<56.2	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<54.4	<56.2	<50.0
4-Bromophenyl phenyl ether	10.0		<11	<10.9	<11.2	<10.0
4-Chloro-3-methylphenol	10.0		<11	<10.9	<11.2	<10.0
4-Chloroaniline	20.0		<21	<21.7 J	<22.5	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.9	<11.2	<10.0
4-Methylphenol	10.0		<11	<10.9	<11.2 JL	<10.0
4-Nitroaniline	50.0		<53	<54.4 J	<56.2	<50.0
4-Nitrophenol	50.0		<53	<54.4	<56.2	<50.0 J
Acenaphthene	10.0		<11	<10.9	<11.2	<10.0
Acenaphthylene	10.0		<11	<10.9	<11.2	<10.0
Anthracene	10.0		<11	<10.9	<11.2	<10.0
Benz(a)anthracene	10.0		<11	<10.9	<11.2	<10.0
Benzo(a)pyrene	10.0		<11	<10.9	<11.2	<10.0
Benzo(b)fluoranthene	10.0		<11	<10.9	<11.2	<10.0
Benzo(g,h,i)perylene	10.0		<11	<10.9	<11.2	<10.0
Benzo(k)fluoranthene	10.0		<11	<10.9	<11.2	<10.0
Benzoic acid	50.0		<53 J	<54.4 J	<56.2 J	<50.0
Benzyl alcohol	20.0		<21	<21.7	<22.5	<20.0
Butyl benzyl phthalate	10.0		<11	33.0	12.6	1.87 JQ
Chrysene	10.0		<11	<10.9	<11.2	<10.0
Di-n-butylphthalate	10.0		<11	2.29 JQ	<11.2	<10.0
Di-n-octylphthalate	10.0		<11	<10.9	<11.2	<10.0
Dibenz(a,h)anthracene	10.0		<11	<10.9	<11.2	<10.0
Dibenzofuran	10.0		<11	<10.9	<11.2	<10.0
Diethylphthalate	10.0		<11	<10.9	<11.2	<10.0
Dimethylphthalate	10.0		<11	<10.9	<11.2	<10.0
Fluoranthene	10.0		<11	<10.9	<11.2	<10.0
Fluorene	10.0		<11	<10.9	<11.2	<10.0
Hexachlorobenzene	10.0		<11	<10.9	<11.2	<10.0
Hexachlorobutadiene	10.0		<11	<10.9	<11.2	<10.0
Hexachlorocyclopentadiene	10.0		<11 J	<10.9 J	<11.2 R	<10.0
Hexachloroethane	10.0		<11	<10.9	<11.2	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.9	<11.2	<10.0
Isophorone	10.0		<11	<10.9	<11.2	<10.0
Naphthalene	10.0		<11	<10.9	<11.2	<10.0
Nitrobenzene	10.0		<11	<10.9	<11.2	<10.0
Pentachlorophenol	30.0		<32	<32.6	<33.7 R	<30.0 J
Phenanthrene	10.0		<11	<10.9	<11.2	<10.0
Phenol	10.0		<11	<10.9	<11.2	<10.0
Pyrene	10.0		<11	<10.9	<11.2	<10.0
bis(2-Chloroethoxy)methane	10.0		<11	<10.9	<11.2	<10.0
bis(2-Chloroethyl)ether	10.0		<11	<10.9	<11.2	<10.0
bis(2-Chloroisopropyl)ether	10.0		<11	<10.9	<11.2	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W09 18-OCT-95	ST14-W09 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.9	<11.2	<10.0
n-Nitrosodinpropylamine	10.0		<11	<10.9	<11.2	<10.0
n-Nitrosodiphenylamine	10.0		<11	<10.9	<11.2	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		83	73	55.9	75.3
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	75	76.3	65.0
sur-2-Fluorophenol R% (21 - 100)	-		80	66	69.8	60.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	84	72.2	67.0
sur-Phenol-d6 R% (10 - 94)	-		66	73	55.9	59.0
sur-Terphenyl-d14 R% (38 - 141)	-		76	68	83.3	73.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		6500	<500	2860	4470
Antimony	250		<250	<250	<250	<250
Barium	20.0		140	71.0	112	122
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		260000	127000	213000	253000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		5800	1010	3690	5320
Magnesium	250		6400	6240	6990	7410
Manganese	10.0		160	131	216	200
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3200	1700	2870	2610
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		22000	24400	26300	26500
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		440	<10.0	19.0	58.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	5.07
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00 J	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.4 JB	1.57 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		97	99	98.0	95.0
sur-Bromofluorobenzene R% (86 - 115)	-		94	90	96.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		101	99	99.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.5	<11.1	<10.0
1,2-Dichlorobenzene	10.0		<11	<10.5	<11.1	<10.0
1,3-Dichlorobenzene	10.0		<11	<10.5	<11.1	<10.0
1,4-Dichlorobenzene	10.0		<11	<10.5	<11.1	<10.0
2,4,5-Trichlorophenol	20.0		<23	<21.1	<22.2	<20.0
2,4,6-Trichlorophenol	10.0		<11	<10.5	<11.1	<10.0
2,4-Dichlorophenol	10.0		<11	<10.5	<11.1	<10.0
2,4-Dimethylphenol	10.0		<11	<10.5	<11.1 JL	<10.0
2,4-Dinitrophenol	50.0		<57	<52.6 J	<55.6 R	<50.0
2,4-Dinitrotoluene	10.0		<11	<10.5	<11.1	<10.0
2,6-Dinitrotoluene	10.0		<11	<10.5	<11.1	<10.0
2-Chloronaphthalene	10.0		<11	<10.5	<11.1	<10.0
2-Chlorophenol	10.0		<11	<10.5	<11.1	<10.0
2-Methylnaphthalene	10.0		<11	<10.5	<11.1	<10.0
2-Methylphenol	10.0		<11	<10.5	<11.1	<10.0
2-Nitroaniline	50.0		<57	<52.6	<55.6	<50.0
2-Nitrophenol	10.0		<11	<10.5	<11.1	<10.0
3,3'-Dichlorobenzidine	20.0		<23	<21.1	<22.2 J	<20.0
3-Nitroaniline	50.0		<57	<52.6	<55.6	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<52.6	<55.6	<50.0
4-Bromophenyl phenyl ether	10.0		<11	<10.5	<11.1	<10.0
4-Chloro-3-methylphenol	10.0		<11	<10.5	<11.1	<10.0
4-Chloroaniline	20.0		<23 J	<21.1	<22.2	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.5	<11.1	<10.0
4-Methylphenol	10.0		<11	<10.5	<11.1	<10.0
4-Nitroaniline	50.0		<57	<52.6 J	<55.6	<50.0
4-Nitrophenol	50.0		<57 J	<52.6	<55.6	<50.0
Acenaphthene	10.0		<11	<10.5	<11.1	<10.0
Acenaphthylene	10.0		<11	<10.5	<11.1	<10.0
Anthracene	10.0		<11	<10.5	<11.1	<10.0
Benz(a)anthracene	10.0		<11	<10.5	<11.1	<10.0
Benzo(a)pyrene	10.0		<11	<10.5	<11.1	<10.0
Benzo(b)fluoranthene	10.0		<11	<10.5	<11.1	<10.0
Benzo(g,h,i)perylene	10.0		<11	<10.5	<11.1	<10.0
Benzo(k)fluoranthene	10.0		<11	<10.5	<11.1	<10.0
Benzoic acid	50.0		<57	<52.6 J	<55.6	<50.0
Benzyl alcohol	20.0		<23	<21.1	<22.2	<20.0
Butyl benzyl phthalate	10.0		<11	6.11 JQ	2.51 JQ	2.56 JQ
Chrysene	10.0		<11	<10.5	<11.1	<10.0
Di-n-butylphthalate	10.0		<11	<10.5	<11.1	<10.0
Di-n-octylphthalate	10.0		<11	<10.5	<11.1	<10.0
Dibenz(a,h)anthracene	10.0		<11	<10.5	<11.1	<10.0
Dibenzofuran	10.0		<11	<10.5	<11.1	<10.0
Diethylphthalate	10.0		<11	<10.5	<11.1	<10.0
Dimethylphthalate	10.0		<11	<10.5	<11.1	<10.0
Fluoranthene	10.0		<11	<10.5	<11.1	<10.0
Fluorene	10.0		<11	<10.5	<11.1	<10.0
Hexachlorobenzene	10.0		<11	<10.5	<11.1	<10.0
Hexachlorobutadiene	10.0		<11	<10.5	<11.1	<10.0
Hexachlorocyclopentadiene	10.0		<11 J	<10.5 J	<11.1 R	<10.0 R
Hexachloroethane	10.0		<11	<10.5	<11.1 JL	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.5	<11.1	<10.0
Isophorone	10.0		<11	<10.5	<11.1	<10.0
Naphthalene	10.0		<11	<10.5	2.78 JQ	<10.0
Nitrobenzene	10.0		<11	<10.5	<11.1	<10.0
Pentachlorophenol	30.0		<34	<31.6	<33.3 R	<30.0
Phenanthrene	10.0		<11	<10.5	<11.1	<10.0
Phenol	10.0		<11	<10.5	<11.1	<10.0
Pyrene	10.0		<11	<10.5	<11.1	<10.0
bis(2-Chloroethoxy)methane	10.0		<11	<10.5	<11.1	<10.0
bis(2-Chloroethyl)ether	10.0		<11	<10.5	<11.1	<10.0
bis(2-Chloroisopropyl)ether	10.0		<11	<10.5	<11.1	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W11 10-APR-95	ST14-W11 13-JUL-95	ST14-W11 20-OCT-95	ST14-W11 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.5	<11.1	<10.0
n-Nitrosodinpropylamine	10.0		<11	<10.5	<11.1	<10.0
n-Nitrosodiphenylamine	10.0		<11	<10.5	<11.1	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		67	75	51.9	83.3
sur-2-Fluorobiphenyl R% (43 - 116)	-		68	71	77.1	54.0
sur-2-Fluorophenol R% (21 - 100)	-		69	60	57.9	54.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	79	64.1	63.0
sur-Phenol-d6 R% (10 - 94)	-		34	67	61.1	59.0
sur-Terphenyl-d14 R% (38 - 141)	-		67	74	82.1	63.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		8700	1320	11700	7030
Antimony	250		<250	<250	<250	<250
Barium	20.0		190	118	212	143
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		210000	139000	220000	172000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		12000	7920	23100	16900
Magnesium	250		8100	7560	9340	8480
Manganese	10.0		230	274	435	322
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3000	3120	5770	4560
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		29000	20000	19000	21400
Vanadium	50.0		<50	<50.0	62.0	<50.0
Zinc	10.0		61	<10.0	112	43.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		8.3	<5.00	19.5	10.8
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: Sample Date: Notes:	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.6 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	97	97.0	95.0
sur-Bromofluorobenzene R% (86 - 115)	-		95	96	101.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		105	101	103.0	102.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<13	<10.0	<10.3	<10.2
1,2-Dichlorobenzene	10.0		<13	<10.0	<10.3	<10.2
1,3-Dichlorobenzene	10.0		<13	<10.0	<10.3	<10.2
1,4-Dichlorobenzene	10.0		<13	<10.0	<10.3	<10.2
2,4,5-Trichlorophenol	20.0		<26	<20.0	<20.6	<20.4
2,4,6-Trichlorophenol	10.0		<13	<10.0	<10.3	<10.2
2,4-Dichlorophenol	10.0		<13	<10.0	<10.3	<10.2
2,4-Dimethylphenol	10.0		<13	<10.0	<10.3 JL	<10.2
2,4-Dinitrophenol	50.0		<64	<50.0 J	<51.6 R	<51.0
2,4-Dinitrotoluene	10.0		<13	<10.0	<10.3	<10.2
2,6-Dinitrotoluene	10.0		<13	<10.0	<10.3	<10.2
2-Chloronaphthalene	10.0		<13	<10.0	<10.3	<10.2
2-Chlorophenol	10.0		<13	<10.0	<10.3	<10.2
2-Methylnaphthalene	10.0		3.4 JQ	3.21 JQ	<10.3	<10.2
2-Methylphenol	10.0		<13	<10.0	<10.3	<10.2
2-Nitroaniline	50.0		<64	<50.0	<51.6	<51.0
2-Nitrophenol	10.0		<13	<10.0	<10.3	<10.2
3,3'-Dichlorobenzidine	20.0		<26	<20.0 J	<20.6 J	<20.4 J
3-Nitroaniline	50.0		<64	<50.0	<51.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<64	<50.0	<51.6	<51.0
4-Bromophenyl phenyl ether	10.0		<13	<10.0	<10.3	<10.2
4-Chloro-3-methylphenol	10.0		<13	<10.0	<10.3	<10.2
4-Chloroaniline	20.0		<26	<20.0	<20.6	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<13	<10.0	<10.3	<10.2
4-Methylphenol	10.0		<13	<10.0	<10.3	<10.2
4-Nitroaniline	50.0		<64	<50.0 J	<51.6	<51.0
4-Nitrophenol	50.0		<64	<50.0	<51.6	<51.0
Acenaphthene	10.0		<13	<10.0	<10.3	<10.2
Acenaphthylene	10.0		<13	<10.0	<10.3	<10.2
Anthracene	10.0		<13	<10.0	<10.3	<10.2
Benz(a)anthracene	10.0		<13	<10.0	<10.3	<10.2
Benzo(a)pyrene	10.0		<13	<10.0	<10.3	<10.2
Benzo(b)fluoranthene	10.0		<13	<10.0	<10.3	<10.2
Benzo(g,h,i)perylene	10.0		<13	<10.0	<10.3	<10.2
Benzo(k)fluoranthene	10.0		<13	<10.0	<10.3	<10.2
Benzoic acid	50.0		<64 J	<50.0 J	<51.6	<51.0
Benzyl alcohol	20.0		<26	<20.0	<20.6	<20.4
Butyl benzyl phthalate	10.0		<13	4.48 JQ	3.57 JQ	4.39 JQ
Chrysene	10.0		<13	<10.0	<10.3	<10.2
Di-n-butylphthalate	10.0		<13	<10.0	<10.3	<10.2
Di-n-octylphthalate	10.0		<13	<10.0	<10.3	<10.2
Dibenz(a,h)anthracene	10.0		<13	<10.0	<10.3	<10.2
Dibenzofuran	10.0		<13	<10.0	<10.3	<10.2
Diethylphthalate	10.0		<13	<10.0	<10.3	<10.2
Dimethylphthalate	10.0		<13	<10.0	3.67 JQ	<10.2
Fluoranthene	10.0		<13	<10.0	<10.3	<10.2
Fluorene	10.0		<13	<10.0	<10.3	<10.2
Hexachlorobenzene	10.0		<13	<10.0	<10.3	<10.2
Hexachlorobutadiene	10.0		<13	<10.0	<10.3	<10.2
Hexachlorocyclopentadiene	10.0		<13	<10.0	<10.3	<10.2
Hexachloroethane	10.0		<13 J	<10.0	<10.3 R	<10.2 R
Indeno(1,2,3-cd)pyrene	10.0		<13	<10.0	<10.3 JL	<10.2
Isophorone	10.0		<13	<10.0	<10.3	<10.2
Naphthalene	10.0		<13	<10.0	<10.3	<10.2
Nitrobenzene	10.0		4.5 JQ	4.80 JQ	1.65 JQ	<10.2
Pentachlorophenol	10.0		<13	<10.0	<10.3	<10.2
Phenanthrene	30.0		<38	<30.0	<30.9 R	<30.6
Phenol	10.0		<13	<10.0	<10.3	<10.2
Pyrene	10.0		<13	<10.0	<10.3	<10.2
bis(2-Chloroethoxy)methane	10.0		<13	<10.0	<10.3	<10.2
bis(2-Chloroethyl)ether	10.0		<13	<10.0	<10.3	<10.2
bis(2-Chloroisopropyl)ether	10.0		<13	<10.0	<10.3	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W13 20-OCT-95	ST14-W13 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<13	<10.0	<10.3	<10.2
n-Nitrosodinpropylamine	10.0		<13	<10.0	<10.3	<10.2
n-Nitrosodiphenylamine	10.0		<13	<10.0	<10.3	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		83	69	69.7	77.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	73	64.1	77.1
sur-2-Fluorophenol R% (21 - 100)	-		87	69	62.8	69.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		71	88	68.1	70.0
sur-Phenol-d6 R% (10 - 94)	-		56	73	62.8	63.0
sur-Terphenyl-d14 R% (38 - 141)	-		72	84	79.0	70.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		18000	12600	9200	31700
Antimony	250		<250	<250	<250	<250
Barium	20.0		290	252	296	330
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		210000	182000	255000	293000
Chromium	50.0		<50	<50.0	<50.0	54.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		51000	41600	54400	97200
Magnesium	250		11000	10200	10100	13800
Manganese	10.0		540	427	550	670
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		65	<50.0	55.0	66.0
Potassium	600		6400	5830	6410 JH	9180
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		18000	19100	18700	19800
Vanadium	50.0		130	80.0	111	242
Zinc	10.0		120	85.0	218	225
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	10.7	7.38	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		24	18.6	31.4	47.5
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	1.63 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		99	90	100.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		98	86	96.0	94.0
sur-Toluene-d8 R% (88 - 110)	-		102	97	101.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.1	<10.0	<10.9
1,2-Dichlorobenzene	10.0		<10	<10.1	<10.0	<10.9
1,3-Dichlorobenzene	10.0		<10	<10.1	<10.0	<10.9
1,4-Dichlorobenzene	10.0		<10	<10.1	<10.0	<10.9
2,4,5-Trichlorophenol	20.0		<21	<20.2	<20.0	<21.7
2,4,6-Trichlorophenol	10.0		<10	<10.1	<10.0	<10.9
2,4-Dichlorophenol	10.0		<10	<10.1	<10.0	<10.9
2,4-Dimethylphenol	10.0		<10	<10.1	<10.0 JL	<10.9
2,4-Dinitrophenol	50.0		<53	<50.5 J	<50.0	<54.4
2,4-Dinitrotoluene	10.0		<10	<10.1	<10.0	<10.9
2,6-Dinitrotoluene	10.0		<10	<10.1	<10.0	<10.9
2-Chloronaphthalene	10.0		<10	<10.1	<10.0	<10.9
2-Chlorophenol	10.0		<10	<10.1	<10.0	<10.9
2-Methylnaphthalene	10.0		<10	<10.1	<10.0	<10.9
2-Methylphenol	10.0		<10	<10.1	<10.0	<10.9
2-Nitroaniline	50.0		<53	<50.5	<50.0	<54.4
2-Nitrophenol	10.0		<10	<10.1	<10.0	<10.9
3,3'-Dichlorobenzidine	20.0		<21	<20.2 J	<20.0	<21.7
3-Nitroaniline	50.0		<53	<50.5	<50.0	<54.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<50.5	<50.0	<54.4
4-Bromophenyl phenyl ether	10.0		<10	<10.1	<10.0	<10.9
4-Chloro-3-methylphenol	10.0		<10	<10.1	<10.0	<10.9
4-Chloroaniline	20.0		<21	<20.2	<20.0 J	<21.7 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.1	<10.0	<10.9
4-Methylphenol	10.0		<10	<10.1	<10.0 JL	<10.9
4-Nitroaniline	50.0		<53	<50.5 J	<50.0	<54.4
4-Nitrophenol	50.0		<53	<50.5 J	<50.0	<54.4
Acenaphthene	10.0		<10	<10.1	<10.0	<10.9
Acenaphthylene	10.0		<10	<10.1	<10.0	<10.9
Anthracene	10.0		<10	<10.1	<10.0	<10.9
Benz(a)anthracene	10.0		<10	<10.1	<10.0	<10.9
Benzo(a)pyrene	10.0		<10	<10.1	<10.0	<10.9
Benzo(b)fluoranthene	10.0		<10	<10.1	<10.0	<10.9
Benzo(g,h,i)perylene	10.0		<10	<10.1	<10.0	<10.9
Benzo(k)fluoranthene	10.0		<10	<10.1	<10.0	<10.9
Benzoic acid	50.0		<53 J	<50.5 J	<50.0	<54.4
Benzyl alcohol	20.0		<21	<20.2	<20.0	<21.7
Butyl benzyl phthalate	10.0		<10	9.29 JQ	11.6	2.77 JQ
Chrysene	10.0		<10	<10.1	<10.0	<10.9
Di-n-butylphthalate	10.0		<10	2.11 JQ	<10.0	<10.9
Di-n-octylphthalate	10.0		<10	<10.1	<10.0	<10.9
Dibenz(a,h)anthracene	10.0		<10	<10.1	<10.0	<10.9
Dibenzofuran	10.0		<10	<10.1	<10.0	<10.9
Diethylphthalate	10.0		<10	<10.1	<10.0	<10.9
Dimethylphthalate	10.0		<10	<10.1	<10.0	<10.9
Fluoranthene	10.0		<10	<10.1	<10.0	<10.9
Fluorene	10.0		<10	<10.1	<10.0	<10.9
Hexachlorobenzene	10.0		<10	<10.1	<10.0	<10.9
Hexachlorobutadiene	10.0		<10	<10.1	<10.0	<10.9
Hexachlorocyclopentadiene	10.0		<10 J	<10.1 J	<10.0 R	<10.9
Hexachloroethane	10.0		<10	<10.1	<10.0	<10.9
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.1	<10.0	<10.9
Isophorone	10.0		<10	<10.1	<10.0	<10.9
Naphthalene	10.0		<10	<10.1	<10.0	<10.9
Nitrobenzene	10.0		<10	<10.1	<10.0	<10.9
Pentachlorophenol	30.0		<32	<30.3	<30.0 R	<32.6
Phenanthrene	10.0		<10	<10.1	<10.0	<10.9
Phenol	10.0		<10	<10.1	<10.0	<10.9
Pyrene	10.0		<10	<10.1	<10.0	<10.9
bis(2-Chloroethoxy)methane	10.0		<10	<10.1	<10.0	<10.9
bis(2-Chloroethyl)ether	10.0		<10	<10.1	<10.0	<10.9
bis(2-Chloroisopropyl)ether	10.0		<10	<10.1	<10.0	<10.9

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W15 10-APR-95	ST14-W15 12-JUL-95	ST14-W15 20-OCT-95	ST14-W15 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.1	<10.0	<10.9
n-Nitrosodinpropylamine	10.0		<10	<10.1	<10.0	<10.9
n-Nitrosodiphenylamine	10.0		<10	<10.1	<10.0	<10.9
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		79	89	66.0	66.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	81	64.0	78.8
sur-2-Fluorophenol R% (21 - 100)	-		72	65	57.0	73.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	86	65.0	60.8
sur-Phenol-d6 R% (10 - 94)	-		73	68	58.0	63.2
sur-Terphenyl-d14 R% (38 - 141)	-		73	84	64.0	68.8

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		670	500	3870 J	2230 J
Antimony	250		<250	<250	<250	<250
Barium	20.0		130	130	154	144
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		140000	140000	193000	165000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		12000	12000	33600	26300
Magnesium	250		6800	6700	7490	7040
Manganese	10.0		310	330	595	503
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		2300	1900	2250	1930
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		26000	25000	24400	24500
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		11	<10	42.0 J	24.0 J
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		22	29	31.8	36.1
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		8.8	9.5	48.3 J	32.6 J
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<5.0	<5.0	-	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	<5.0	-	-
1,1,2-Trichloroethane	1.00		<5.0	<5.0	-	-
1,1-Dichloroethane	0.500		<5.0	<5.0	-	-
1,1-Dichloroethene	0.500		<5.0	<5.0	-	-
1,2-Dichloroethane	1.00		<5.0	<5.0	-	-
1,2-Dichloropropane	0.500		<5.0	<5.0	-	-
2-Butanone (MEK)	5.00		<10	<10	-	-
2-Chloroethyl vinyl ether	5.00		<10	<10	-	-
2-Hexanone	5.00		<10	<10	-	-
4-Methyl-2-pentanone	5.00		<10	<10	-	-
Acetone	5.00		<10	<10	-	-
Benzene	0.500		91	78	-	-
Bromodichloromethane	0.500		<5.0	<5.0	-	-
Bromoform	1.00		<5.0	<5.0	-	-
Bromomethane	2.00		<10	<10	-	-
Carbon disulfide	1.00		<5.0	<5.0	-	-
Carbon tetrachloride	0.500		<5.0	<5.0	-	-
Chlorobenzene	0.500		<5.0	<5.0	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<10	<10	-	-
Chloroform	0.500		<5.0	<5.0	-	-
Chloromethane	2.00		<10	<10	-	-
Dibromochloromethane	0.500		<5.0	<5.0	-	-
Ethylbenzene	0.500		2.7 JQ	1.6 JQ	-	-
Methylene chloride	2.00		11 JB	13 JB	-	-
Styrene	0.500		<5.0	<5.0	-	-
Tetrachloroethene	0.500		<5.0	<5.0	-	-
Toluene	0.500		0.85 JQ	0.81 JQ	-	-
Trichloroethene	0.500		<5.0	<5.0	-	-
Vinyl acetate	5.00		<10	<10	-	-
Vinyl chloride	2.00		<10	<10	-	-
Xylenes (total)	1.00		<5.0	<5.0	-	-
cis-1,2-Dichloroethene	0.500		<5.0	<5.0	-	-
cis-1,3-Dichloropropene	0.500		<5.0	<5.0	-	-
trans-1,2-Dichloroethene	0.500		<5.0	<5.0	-	-
trans-1,3-Dichloropropene	0.500		<5.0	<5.0	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		91	91	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		97	88	-	-
sur-Toluene-d8 R% (88 - 110)	-		102	101	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	<2.00	<2.00
1,1,2,2-Tetrachloroethane	0.500		-	-	<2.00	<2.00
1,1,2-Trichloroethane	1.00		-	-	<4.00	<4.00
1,1-Dichloroethane	0.500		-	-	<2.00	<2.00
1,1-Dichloroethene	0.500		-	-	<2.00	<2.00
1,2-Dichloroethane	1.00		-	-	<4.00	<4.00
1,2-Dichloropropane	0.500		-	-	<2.00	<2.00
2-Butanone	5.00		-	-	<20.0	<20.0
2-Chloroethyl vinyl ether	5.00		-	-	<20.0 R	<20.0 R
2-Hexanone	5.00		-	-	<20.0	<20.0
4-Methyl-2-pentanone	5.00		-	-	<20.0	<20.0
Acetone	5.00		-	-	<20.0	<20.0
Benzene	0.500		-	-	180	191
Bromodichloromethane	0.500		-	-	<2.00	<2.00
Bromoform	1.00		-	-	<4.00	<4.00
Bromomethane	2.00		-	-	<8.00	<8.00
Carbon disulfide	1.00		-	-	<4.00	<4.00
Carbon tetrachloride	0.500		-	-	<2.00	<2.00
Chlorobenzene	0.500		-	-	<2.00	<2.00

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date Notes :	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	<8.00	<8.00
Chloroform	0.500		-	-	<2.00	<2.00
Chloromethane	2.00		-	-	<8.00	<8.00
Dibromochloromethane	0.500		-	-	<2.00	<2.00
Ethylbenzene	0.500		-	-	2.67	3.10
Methylene chloride	2.00		-	-	<8.00	<8.00
Styrene	0.500		-	-	<2.00	<2.00
Tetrachloroethene	0.500		-	-	<2.00	<2.00
Toluene	0.500		-	-	<2.00	<2.00
Trichloroethene	0.500		-	-	<2.00	<2.00
Vinyl acetate	5.00		-	-	<20.0	<20.0
Vinyl chloride	2.00		-	-	<8.00	<8.00
Xylenes (total)	1.00		-	-	<4.00	<4.00
cis-1,2-Dichloroethene	0.500		-	-	<2.00	<2.00
cis-1,3-Dichloropropene	0.500		-	-	<2.00	<2.00
trans-1,2-Dichloroethene	0.500		-	-	<2.00	<2.00
trans-1,3-Dichloropropene	0.500		-	-	<2.00	<2.00
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	90	106
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	98	97
sur-Toluene-d8 R% (88 - 110)	-		-	-	102	102
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<12	<10.2	<10.4
1,2-Dichlorobenzene	10.0		<11	<12	<10.2	<10.4
1,3-Dichlorobenzene	10.0		<11	<12	<10.2	<10.4
1,4-Dichlorobenzene	10.0		<11	<12	<10.2	<10.4
2,4,5-Trichlorophenol	20.0		<23	<24	<20.4	<20.8
2,4,6-Trichlorophenol	10.0		<11	<12	<10.2	<10.4
2,4-Dichlorophenol	10.0		<11	<12	<10.2	<10.4
2,4-Dimethylphenol	10.0		<11	<12	<10.2	<10.4
2,4-Dinitrophenol	50.0		<57	<60	<51.0 J	<52.1 J
2,4-Dinitrotoluene	10.0		<11	<12	<10.2	<10.4
2,6-Dinitrotoluene	10.0		<11	<12	<10.2	<10.4
2-Chloronaphthalene	10.0		<11	<12	<10.2	<10.4
2-Chlorophenol	10.0		<11	<12	<10.2	<10.4
2-Methylnaphthalene	10.0		1.9 JQ	2.2 JQ	9.04 JQ	18.2
2-Methylphenol	10.0		<11	<12	<10.2	<10.4
2-Nitroaniline	50.0		<57	<60	<51.0	<52.1
2-Nitrophenol	10.0		<11	<12	<10.2	<10.4
3,3'-Dichlorobenzidine	20.0		<23	<24	<20.4	<20.8 J
3-Nitroaniline	50.0		<57	<60	<51.0	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<60	<51.0	<52.1
4-Bromophenyl phenyl ether	10.0		<11	<12	<10.2	<10.4
4-Chloro-3-methylphenol	10.0		<11	<12	<10.2	<10.4
4-Chloroaniline	20.0		<23	<24	<20.4	<20.8
4-Chlorophenyl phenyl ether	10.0		<11	<12	<10.2	<10.4
4-Methylphenol	10.0		<11	<12	<10.2	<10.4
4-Nitroaniline	50.0		<57	<60	<51.0 J	<52.1 J
4-Nitrophenol	50.0		<57	<60	<51.0	<52.1
Acenaphthene	10.0		<11	<12	<10.2	<10.4
Acenaphthylene	10.0		<11	<12	<10.2	<10.4
Anthracene	10.0		<11	<12	<10.2	<10.4
Benz(a)anthracene	10.0		<11	<12	<10.2	<10.4
Benzo(a)pyrene	10.0		<11	<12	<10.2	<10.4
Benzo(b)fluoranthene	10.0		<11	<12	<10.2	<10.4
Benzo(g,h,i)perylene	10.0		<11	<12	<10.2	<10.4
Benzo(k)fluoranthene	10.0		<11	<12	<10.2	<10.4
Benzoic acid	50.0		<57 R	<60 R	<51.0	<52.1
Benzyl alcohol	20.0		<23	<24	<20.4	<20.8
Butyl benzyl phthalate	10.0		<11	<12	1.34 JQ	7.46 JQ
Chrysene	10.0		<11	<12	<10.2	<10.4
Di-n-butylphthalate	10.0		<11	<12	<10.2	0.575 JQ
Di-n-octylphthalate	10.0		<11	<12	<10.2	<10.4
Dibenz(a,h)anthracene	10.0		<11	<12	<10.2	<10.4
Dibenzofuran	10.0		<11	<12	<10.2	<10.4
Diethylphthalate	10.0		<11	<12	<10.2	<10.4
Dimethylphthalate	10.0		<11	<12	<10.2	<10.4
Fluoranthene	10.0		<11	<12	<10.2	<10.4
Fluorene	10.0		<11	<12	<10.2	<10.4
Hexachlorobenzene	10.0		<11	<12	<10.2	<10.4
Hexachlorobutadiene	10.0		<11	<12	<10.2	<10.4
Hexachlorocyclopentadiene	10.0		<11 J	<12 J	<10.2 J	<10.4
Hexachloroethane	10.0		<11	<12	<10.2	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<11	<12	<10.2	<10.4
Isophorone	10.0		<11	<12	<10.2	<10.4
Naphthalene	10.0		9.8 JQ	11 JQ	22.8 J	45.1 J
Nitrobenzene	10.0		<11	<12	<10.2	<10.4
Pentachlorophenol	30.0		<34	<36	<30.6	<31.3
Phenanthrene	10.0		<11	<12	<10.2	<10.4
Phenol	10.0		<11	<12	10.1 JQ	15.3
Pyrene	10.0		<11	<12	<10.2	<10.4
bis(2-Chloroethoxy)methane	10.0		<11	<12	<10.2	<10.4
bis(2-Chloroethyl)ether	10.0		<11	<12	<10.2	<10.4
bis(2-Chloroisopropyl)ether	10.0		<11	<12	<10.2 J	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 11-APR-95	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 12-JUL-95	FDUP-6 12-JUL-95 Duplicate of ST14-W16
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		7.5 JQ	12	7.08 JQ	6.91 JQ
n-Nitrosodinpropylamine	10.0		<11	<12	<10.2	<10.4
n-Nitrosodiphenylamine	10.0		<11	<12	<10.2	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		82	87	64	75
sur-2-Fluorobiphenyl R% (43 - 116)	-		70	74	74	77
sur-2-Fluorophenol R% (21 - 100)	-		63	62	70	72
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	65	87	84
sur-Phenol-d6 R% (10 - 94)	-		68	70	77	74
sur-Terphenyl-d14 R% (38 - 141)	-		76	81	67	89

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data. do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1770	1620	1460	1690
Antimony	250		<250	<250	<250	<250
Barium	20.0		140	137	119	124
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		164000	156000	159000	160000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	72.0	74.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		35800	32500	43800	45800
Magnesium	250		6970	6820	6800	6810
Manganese	10.0		450	422	395	424
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	63.0
Potassium	600		2220 JH	2240 JH	1640	1680
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		26200	25900	25700	24800
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		50.0	45.0	33.0	42.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		30.3	30.9	38.8	43.3
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		86.8	88.9	159	185
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<4.00	<2.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<4.00	<2.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<8.00	<5.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<4.00	<2.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<4.00	<2.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<8.00	<5.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<4.00	<2.50	<0.500	<0.500
2-Butanone	5.00		<40.0	<25.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<40.0 J	<25.0 J	<5.00 R	<5.00 R
2-Hexanone	5.00		<40.0	<25.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<40.0	<25.0	<5.00	<5.00
Acetone	5.00		<40.0	<25.0	<5.00	<5.00
Benzene	0.500		80.3	61.9	1.58	1.52 JQ
Bromodichloromethane	0.500		<4.00	<2.50	<0.500	<0.500
Bromoform	1.00		<8.00	<5.00	<1.00	<1.00
Bromomethane	2.00		<16.0	<10.0	<2.00	<2.00
Carbon disulfide	1.00		<8.00	<5.00	<1.00	<1.00
Carbon tetrachloride	0.500		<4.00	<2.50	<0.500	<0.500
Chlorobenzene	0.500		<4.00	<2.50	<0.500	<0.500

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<16.0	<10.0	<2.00	<2.00
Chloroform	0.500		<4.00	<2.50	<0.500	<0.500
Chloromethane	2.00		<16.0	<10.0	<2.00	<2.00
Dibromochloromethane	0.500		<4.00	<2.50	<0.500	<0.500
Ethylbenzene	0.500		1.78 JQ	1.32 JQ	<0.500	<0.500
Methylene chloride	2.00		<16.0	<10.0	<2.00	<2.00
Styrene	0.500		<4.00	<2.50	<0.500	<0.500
Tetrachloroethene	0.500		<4.00	<2.50	<0.500	<0.500
Toluene	0.500		<4.00	<2.50	<0.500	<0.500
Trichloroethene	0.500		<4.00	<2.50	<0.500	<0.500
Vinyl acetate	5.00		<40.0	<25.0	<5.00	<5.00
Vinyl chloride	2.00		<16.0	<10.0	<2.00	<2.00
Xylenes (total)	1.00		<8.00	<5.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<4.00	<2.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<4.00	<2.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<4.00	<2.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<4.00	<2.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		100.0	104.0	92.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		100.0	96.0	97.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		100.0	100.0	101.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11.0	<11.0	<10.5	<10.2
1,2-Dichlorobenzene	10.0		<11.0	<11.0	<10.5	<10.2
1,3-Dichlorobenzene	10.0		<11.0	<11.0	<10.5	<10.2
1,4-Dichlorobenzene	10.0		<11.0	<11.0	<10.5	<10.2
2,4,5-Trichlorophenol	20.0		<22.0	<22.0	<21.1	<20.4
2,4,6-Trichlorophenol	10.0		<11.0	<11.0	<10.5	<10.2
2,4-Dichlorophenol	10.0		<11.0	<11.0	<10.5	<10.2
2,4-Dimethylphenol	10.0		<11.0 JL	<11.0	<10.5 JL	<10.2 JL
2,4-Dinitrophenol	50.0		<55.0	<55.0	<52.6	<51.0
2,4-Dinitrotoluene	10.0		<11.0	<11.0	<10.5	<10.2
2,6-Dinitrotoluene	10.0		<11.0	<11.0	<10.5	<10.2
2-Chloronaphthalene	10.0		<11.0	<11.0	<10.5	<10.2
2-Chlorophenol	10.0		<11.0	<11.0	<10.5	<10.2
2-Methylnaphthalene	10.0		3.03 JQ	3.80 JQ	3.70 JQ	4.23 JQ
2-Methylphenol	10.0		<11.0	<11.0	<10.5	<10.2
2-Nitroaniline	50.0		<55.0	<55.0	<52.6	<51.0
2-Nitrophenol	10.0		<11.0	<11.0	<10.5	<10.2
3,3'-Dichlorobenzidine	20.0		<22.0	<22.0	<21.1 J	<20.4 J
3-Nitroaniline	50.0		<55.0	<55.0	<52.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<55.0	<55.0	<52.6	<51.0
4-Bromophenyl phenyl ether	10.0		<11.0	<11.0	<10.5	<10.2
4-Chloro-3-methylphenol	10.0		<11.0	<11.0	<10.5	<10.2
4-Chloroaniline	20.0		<22.0 J	<22.0 J	<21.1 J	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<11.0	<11.0	<10.5	<10.2
4-Methylphenol	10.0		<11.0 JL	<11.0	<10.5	<10.2
4-Nitroaniline	50.0		<55.0	<55.0	<52.6	<51.0
4-Nitrophenol	50.0		<55.0	<55.0	<52.6	<51.0
Acenaphthene	10.0		<11.0	<11.0	<10.5	<10.2
Acenaphthylene	10.0		<11.0	<11.0	<10.5	<10.2
Anthracene	10.0		<11.0	<11.0	<10.5	<10.2
Benz(a)anthracene	10.0		<11.0	<11.0	<10.5	<10.2
Benzo(a)pyrene	10.0		<11.0	<11.0	<10.5	<10.2
Benzo(b)fluoranthene	10.0		<11.0	<11.0	<10.5	<10.2
Benzo(g,h,i)perylene	10.0		<11.0	<11.0	<10.5	<10.2
Benzo(k)fluoranthene	10.0		<11.0	<11.0	<10.5	<10.2
Benzoic acid	50.0		<55.0	<55.0	<52.6	<51.0
Benzyl alcohol	20.0		<22.0	<22.0	<21.1	<20.4
Butyl benzyl phthalate	10.0		4.07 JQ	6.32 JQ	4.93 JQ	5.63 JQ
Chrysene	10.0		<11.0	<11.0	<10.5	<10.2
Di-n-butylphthalate	10.0		<11.0	<11.0	<10.5	<10.2
Di-n-octylphthalate	10.0		<11.0	<11.0	<10.5	<10.2
Dibenz(a,h)anthracene	10.0		<11.0	<11.0	<10.5	<10.2
Dibenzofuran	10.0		<11.0	<11.0	<10.5	<10.2
Diethylphthalate	10.0		<11.0	<11.0	<10.5	<10.2
Dimethylphthalate	10.0		<11.0	<11.0	<10.5	<10.2
Fluoranthene	10.0		<11.0	<11.0	<10.5	<10.2
Fluorene	10.0		<11.0	<11.0	<10.5	<10.2
Hexachlorobenzene	10.0		<11.0	<11.0	<10.5	<10.2
Hexachlorobutadiene	10.0		<11.0	<11.0	<10.5	<10.2
Hexachlorocyclopentadiene	10.0		<11.0	<11.0	<10.5	<10.2
Hexachloroethane	10.0		<11.0 R	<11.0 R	<10.5 R	<10.2 R
Indeno(1,2,3-cd)pyrene	10.0		<11.0	<11.0	<10.5 JL	<10.2 JL
Isophorone	10.0		<11.0	<11.0	<10.5	<10.2
Naphthalene	10.0		<11.0	<11.0	<10.5	<10.2
Nitrobenzene	10.0		9.76 JQ	11.4	12.2	14.1
Pentachlorophenol	10.0		<11.0	<11.0	<10.5	<10.2
Phenanthrene	30.0		<33.0 R	<33.0	<31.6	<30.6
Phenol	10.0		<11.0	<11.0	<10.5 JL	<10.2 JL
Pyrene	10.0		2.10 JQ	3.26 JQ	<10.5	<10.2
bis(2-Chloroethoxy)methane	10.0		<11.0	<11.0	<10.5	<10.2
bis(2-Chloroethyl)ether	10.0		<11.0	<11.0	<10.5	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11.0	<11.0	<10.5	<10.2
			<11.0	<11.0	<10.5	<10.2

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W16 20-OCT-95	FDUP-6 20-OCT-95 Duplicate of ST14-W16	ST14-W16 12-JAN-96	FDUP-8 12-JAN-96 Duplicate of ST14-W16
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		5.36 JQ	9.18 JQ	4.46 JQ	4.11 JQ
n-Nitrosodinpropylamine	10.0		<11.0	<11.0	<10.5	<10.2
n-Nitrosodiphenylamine	10.0		<11.0	<11.0	<10.5	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		59.0	65.8	62.0	59.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		57.9	62.2	53.1	54.0
sur-2-Fluorophenol R% (21 - 100)	-		51.9	58.0	39.0	46.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		58.9	66.2	49.1	56.0
sur-Phenol-d6 R% (10 - 94)	-		53.9	59.9	45.0	50.0
sur-Terphenyl-d14 R% (38 - 141)	-		56.9	59.1	49.1	51.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation. detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		17000	9210	10700	4120
Antimony	250		<250	<250	<250	<250
Barium	20.0		290	229	213	188
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		280000	206000	188000	162000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		56	<50.0	<50.0	<50.0
Iron	50.0		35000	24700	24000	19700
Magnesium	250		9200	7440	7330	6370
Manganese	10.0		350 J	316	289	236
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		4900	2920	3250	1900
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		25000	22500	22500	24300
Vanadium	50.0		93	61.0	50.0	<50.0
Zinc	10.0		150	86.0	94.0	64.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<25	16.5 JL	24.0 JL	28.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		67 J	39.5	42.3	23.6
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<25	<5.00	<5.00 JL	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<5.0	-	-	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	-	-	-
1,1,2-Trichloroethane	1.00		<5.0	-	-	-
1,1-Dichloroethane	0.500		<5.0	-	-	-
1,1-Dichloroethene	0.500		<5.0	-	-	-
1,2-Dichloroethane	1.00		<5.0	-	-	-
1,2-Dichloropropane	0.500		<5.0	-	-	-
2-Butanone (MEK)	5.00		<10	-	-	-
2-Chloroethyl vinyl ether	5.00		<10	-	-	-
2-Hexanone	5.00		<10	-	-	-
4-Methyl-2-pentanone	5.00		<10	-	-	-
Acetone	5.00		<10	-	-	-
Benzene	0.500		36	-	-	-
Bromodichloromethane	0.500		<5.0	-	-	-
Bromoform	1.00		<5.0	-	-	-
Bromomethane	2.00		<10	-	-	-
Carbon disulfide	1.00		<5.0	-	-	-
Carbon tetrachloride	0.500		<5.0	-	-	-
Chlorobenzene	0.500		<5.0	-	-	-

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<10	-	-	-
Chloroform	0.500		<5.0	-	-	-
Chloromethane	2.00		<10	-	-	-
Dibromochloromethane	0.500		<5.0	-	-	-
Ethylbenzene	0.500		14	-	-	-
Methylene chloride	2.00		17 JB	-	-	-
Styrene	0.500		<5.0	-	-	-
Tetrachloroethene	0.500		<5.0	-	-	-
Toluene	0.500		1.5 JQ	-	-	-
Trichloroethene	0.500		<5.0	-	-	-
Vinyl acetate	5.00		<10	-	-	-
Vinyl chloride	2.00		<10	-	-	-
Xylenes (total)	1.00		5.5	-	-	-
cis-1,2-Dichloroethene	0.500		<5.0	-	-	-
cis-1,3-Dichloropropene	0.500		<5.0	-	-	-
trans-1,2-Dichloroethene	0.500		<5.0	-	-	-
trans-1,3-Dichloropropene	0.500		<5.0	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		93	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		107	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	<1.00	<2.00	<2.00
1,1,2,2-Tetrachloroethane	0.500		-	<1.00	<2.00	<2.00
1,1,2-Trichloroethane	1.00		-	<2.00	<4.00	<4.00
1,1-Dichloroethane	0.500		-	<1.00	<2.00	<2.00
1,1-Dichloroethene	0.500		-	<1.00	<2.00	<2.00
1,2-Dichloroethane	1.00		-	<2.00	<4.00	<4.00
1,2-Dichloropropane	0.500		-	<1.00	<2.00	<2.00
2-Butanone	5.00		-	<10.0	<20.0	<20.0
2-Chloroethyl vinyl ether	5.00		-	<10.0	<20.0	<20.0
2-Hexanone	5.00		-	<10.0	<20.0	<20.0
4-Methyl-2-pentanone	5.00		-	<10.0	<20.0	<20.0
Acetone	5.00		-	<10.0	<20.0	<20.0
Benzene	0.500		-	70.8 JH	75.3 JH	77.8
Bromodichloromethane	0.500		-	<1.00	<2.00	<2.00
Bromoform	1.00		-	<2.00	<4.00	<4.00
Bromomethane	2.00		-	<4.00	<8.00	<8.00
Carbon disulfide	1.00		-	<2.00	<4.00	<4.00
Carbon tetrachloride	0.500		-	<1.00	<2.00	<2.00
Chlorobenzene	0.500		-	<1.00	<2.00	<2.00

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	<4.00	<8.00	<8.00
Chloroform	0.500		-	<1.00	<2.00	<2.00
Chloromethane	2.00		-	<4.00	<8.00	<8.00
Dibromochloromethane	0.500		-	<1.00	<2.00	<2.00
Ethylbenzene	0.500		-	23.3	23.1 JH	22.9
Methylene chloride	2.00		-	<4.00	<8.00	<8.00
Styrene	0.500		-	<1.00	<2.00	<2.00
Tetrachloroethene	0.500		-	<1.00	<2.00	<2.00
Toluene	0.500		-	<1.00	<2.00	<2.00
Trichloroethene	0.500		-	<1.00	<2.00	<2.00
Vinyl acetate	5.00		-	<10.0	<20.0	<20.0
Vinyl chloride	2.00		-	<4.00	<8.00	<8.00
Xylenes (total)	1.00		-	8.66	6.56	8.00
cis-1,2-Dichloroethene	0.500		-	<1.00	<2.00	<2.00
cis-1,3-Dichloropropene	0.500		-	<1.00	<2.00	<2.00
trans-1,2-Dichloroethene	0.500		-	<1.00	<2.00	<2.00
trans-1,3-Dichloropropene	0.500		-	<1.00	<2.00	<2.00
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	105	105.0	102.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	95	90.0	94.0
sur-Toluene-d8 R% (88 - 110)	-		-	108	108.0	110.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.6	<10.8	<10.5
1,2-Dichlorobenzene	10.0		<12	<10.6	<10.8	<10.5
1,3-Dichlorobenzene	10.0		<12	<10.6	<10.8	<10.5
1,4-Dichlorobenzene	10.0		<12	<10.6	<10.8	<10.5
2,4,5-Trichlorophenol	20.0		<24	<21.3	<21.5	<21.1
2,4,6-Trichlorophenol	10.0		<12	<10.6	<10.8	<10.5
2,4-Dichlorophenol	10.0		<12	<10.6	<10.8	<10.5
2,4-Dimethylphenol	10.0		<12	<10.6	<10.8	<10.5 JL
2,4-Dinitrophenol	50.0		<61	<53.2 J	<53.8 J	<52.6
2,4-Dinitrotoluene	10.0		<12	<10.6	<10.8	<10.5
2,6-Dinitrotoluene	10.0		<12	<10.6	<10.8	<10.5
2-Chloronaphthalene	10.0		<12	<10.6	<10.8	<10.5
2-Chlorophenol	10.0		<12	<10.6	<10.8	<10.5
2-Methylnaphthalene	10.0		11 JQ	23.4	35.4	34.9
2-Methylphenol	10.0		<12	<10.6	<10.8	<10.5
2-Nitroaniline	50.0		<61	<53.2	<53.8	<52.6
2-Nitrophenol	10.0		<12	<10.6	<10.8	<10.5
3,3'-Dichlorobenzidine	20.0		<24	<21.3	<21.5	<21.1 J
3-Nitroaniline	50.0		<61	<53.2	<53.8	<52.6

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<61	<53.2	<53.8	<52.6
4-Bromophenyl phenyl ether	10.0		<12	<10.6	<10.8	<10.5
4-Chloro-3-methylphenol	10.0		<12	<10.6	<10.8	<10.5
4-Chloroaniline	20.0		<24 J	<21.3	<21.5	<21.1 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.6	<10.8	<10.5
4-Methylphenol	10.0		<12	<10.6	<10.8	<10.5
4-Nitroaniline	50.0		<61	<53.2 J	<53.8	<52.6
4-Nitrophenol	50.0		<61	<53.2	<53.8	<52.6
Acenaphthene	10.0		1.8 JQ	<10.6	<10.8	0.759 JQ
Acenaphthylene	10.0		0.56 JQ	<10.6	<10.8	<10.5
Anthracene	10.0		<12	<10.6	<10.8	<10.5
Benz(a)anthracene	10.0		<12	<10.6	<10.8	<10.5
Benzo(a)pyrene	10.0		0.86 JQ	<10.6	<10.8	<10.5
Benzo(b)fluoranthene	10.0		<12	<10.6	<10.8	<10.5
Benzo(g,h,i)perylene	10.0		<12	<10.6	<10.8	<10.5
Benzo(k)fluoranthene	10.0		<12	<10.6	<10.8	<10.5
Benzoic acid	50.0		<61 R	<53.2 J	<53.8	<52.6
Benzyl alcohol	20.0		<24	<21.3	<21.5	<21.1
Butyl benzyl phthalate	10.0		1.6 JQ	2.40 JQ	22.0	14.5
Chrysene	10.0		1.8 JQ	<10.6	<10.8	<10.5
Di-n-butylphthalate	10.0		1.3 JQ	3.28 JB	1.02 JQ	0.893 JQ
Di-n-octylphthalate	10.0		<12	<10.6	<10.8	<10.5
Dibenz(a,h)anthracene	10.0		<12	<10.6	<10.8	<10.5
Dibenzofuran	10.0		1.0 JQ	1.52 JQ	2.58 JQ	1.95 JQ
Diethylphthalate	10.0		<12	<10.6	<10.8	<10.5
Dimethylphthalate	10.0		<12	<10.6	<10.8	<10.5
Fluoranthene	10.0		<12	<10.6	<10.8	<10.5
Fluorene	10.0		<12	0.287 JQ	<10.8	0.446 JQ
Hexachlorobenzene	10.0		<12	<10.6	<10.8	<10.5
Hexachlorobutadiene	10.0		<12	<10.6	<10.8	<10.5
Hexachlorocyclopentadiene	10.0		<12	<10.6 J	<10.8 R	<10.5 R
Hexachloroethane	10.0		<12	<10.6	<10.8	<10.5 JL
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.6	<10.8	<10.5
Isophorone	10.0		<12	<10.6	<10.8	<10.5
Naphthalene	10.0		18	22.2	54.3 JL	46.1
Nitrobenzene	10.0		<12	<10.6	<10.8	<10.5
Pentachlorophenol	30.0		<37	<31.9	<32.2	<31.6
Phenanthrene	10.0		<12	<10.6	<10.8	<10.5 JL
Phenol	10.0		<12	<10.6	<10.8	<10.5
Pyrene	10.0		1.4 JQ	<10.6	<10.8	<10.5
bis(2-Chloroethoxy)methane	10.0		<12	<10.6	<10.8	<10.5
bis(2-Chloroethyl)ether	10.0		<12	<10.6	<10.8	<10.5
bis(2-Chloroisopropyl)ether	10.0		<12	<10.6	<10.8 JL	<10.5

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W19 11-APR-95	ST14-W19 13-JUL-95	ST14-W19 19-OCT-95	ST14-W19 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.6	59.4	46.3
n-Nitrosodinpropylamine	10.0		<12	<10.6	<10.8	<10.5
n-Nitrosodiphenylamine	10.0		<12	<10.6	<10.8	<10.5
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		81	75	71.4	60.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	70	62.7	43.1
sur-2-Fluorophenol R% (21 - 100)	-		55	64	80.1	47.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		65	81	77.7	53.1
sur-Phenol-d6 R% (10 - 94)	-		37	71	65.8	43.0
sur-Terphenyl-d14 R% (38 - 141)	-		73	73	94.4	47.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		12000 J	17000 J	9750	9510
Antimony	250		<250	<250	<250	<250
Barium	20.0		280	280	259	251
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		360000	380000	298000	257000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		38000	42000	31100	30000
Magnesium	250		9000	9700	8560	8340
Manganese	10.0		640	650	609	568
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		3300	4400	2900	2800
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		2000	20000 J	20700	21200
Vanadium	50.0		56	68	<50.0	<50.0
Zinc	10.0		86	97	83.0	73.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		18	18	47.5	48.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	26.0	23.6
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<5.0	<5.0	-	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	<5.0	-	-
1,1,2-Trichloroethane	1.00		<5.0	<5.0	-	-
1,1-Dichloroethane	0.500		<5.0	<5.0	-	-
1,1-Dichloroethene	0.500		<5.0	<5.0	-	-
1,2-Dichloroethane	1.00		<5.0	<5.0	-	-
1,2-Dichloropropane	0.500		<5.0	<5.0	-	-
2-Butanone (MEK)	5.00		<10	<10	-	-
2-Chloroethyl vinyl ether	5.00		<10	<10	-	-
2-Hexanone	5.00		<10	<10	-	-
4-Methyl-2-pentanone	5.00		<10	<10	-	-
Acetone	5.00		<10	<10	-	-
Benzene	0.500		98	90	-	-
Bromodichloromethane	0.500		<5.0	<5.0	-	-
Bromoform	1.00		<5.0	<5.0	-	-
Bromomethane	2.00		<10	<10	-	-
Carbon disulfide	1.00		<5.0	<5.0	-	-
Carbon tetrachloride	0.500		<5.0	<5.0	-	-
Chlorobenzene	0.500		<5.0	<5.0	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<10	<10	-	-
Chloroform	0.500		<5.0	<5.0	-	-
Chloromethane	2.00		<10	<10	-	-
Dibromochloromethane	0.500		<5.0	<5.0	-	-
Ethylbenzene	0.500		<5.0	<5.0	-	-
Methylene chloride	2.00		13 JB	8.3 JB	-	-
Styrene	0.500		<5.0	<5.0	-	-
Tetrachloroethene	0.500		<5.0	<5.0	-	-
Toluene	0.500		0.49 JQ	0.49 JQ	-	-
Trichloroethene	0.500		<5.0	<5.0	-	-
Vinyl acetate	5.00		<10	<10	-	-
Vinyl chloride	2.00		<10	<10	-	-
Xylenes (total)	1.00		<5.0	<5.0	-	-
cis-1,2-Dichloroethene	0.500		<5.0	<5.0	-	-
cis-1,3-Dichloropropene	0.500		<5.0	<5.0	-	-
trans-1,2-Dichloroethene	0.500		<5.0	<5.0	-	-
trans-1,3-Dichloropropene	0.500		<5.0	<5.0	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92	93	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		99	105	-	-
sur-Toluene-d8 R% (88 - 110)	-		103	103	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	-	<0.500	<0.500
1,1,2-Trichloroethane	1.00		-	-	<1.00	<1.00
1,1-Dichloroethane	0.500		-	-	<0.500	<0.500
1,1-Dichloroethene	0.500		-	-	<0.500	<0.500
1,2-Dichloroethane	1.00		-	-	<1.00	<1.00
1,2-Dichloropropane	0.500		-	-	<0.500	<0.500
2-Butanone	5.00		-	-	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		-	-	<5.00 R	<5.00 R
2-Hexanone	5.00		-	-	<5.00	<5.00
4-Methyl-2-pentanone	5.00		-	-	<5.00	<5.00
Acetone	5.00		-	-	<5.00	<5.00
Benzene	0.500		-	-	12.6 J	3.15 J
Bromodichloromethane	0.500		-	-	<0.500	<0.500
Bromoform	1.00		-	-	<1.00	<1.00
Bromomethane	2.00		-	-	<2.00	<2.00
Carbon disulfide	1.00		-	-	<1.00	<1.00
Carbon tetrachloride	0.500		-	-	<0.500	<0.500
Chlorobenzene	0.500		-	-	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	<2.00	<2.00
Chloroform	0.500		-	-	<0.500	<0.500
Chloromethane	2.00		-	-	<2.00	<2.00
Dibromochloromethane	0.500		-	-	<0.500	<0.500
Ethylbenzene	0.500		-	-	<0.500	<0.500
Methylene chloride	2.00		-	-	4.30 JB	<2.00
Styrene	0.500		-	-	<0.500	<0.500
Tetrachloroethene	0.500		-	-	<0.500	<0.500
Toluene	0.500		-	-	<0.500	<0.500
Trichloroethene	0.500		-	-	<0.500	<0.500
Vinyl acetate	5.00		-	-	<5.00	<5.00
Vinyl chloride	2.00		-	-	<2.00	<2.00
Xylenes (total)	1.00		-	-	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		-	-	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		-	-	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		-	-	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		-	-	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	100	96
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	96	98
sur-Toluene-d8 R% (88 - 110)	-		-	-	101	101
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<11	<10.4	<10.0
1,2-Dichlorobenzene	10.0		<11	<11	<10.4	<10.0
1,3-Dichlorobenzene	10.0		<11	<11	<10.4	<10.0
1,4-Dichlorobenzene	10.0		<11	<11	<10.4	<10.0
2,4,5-Trichlorophenol	20.0		<23	<22	<20.8	<20.0
2,4,6-Trichlorophenol	10.0		<11	<11	<10.4	<10.0
2,4-Dichlorophenol	10.0		<11	<11	<10.4	<10.0
2,4-Dimethylphenol	10.0		<11	<11	<10.4	<10.0
2,4-Dinitrophenol	50.0		<57	<56	<52.1 J	<50.0 J
2,4-Dinitrotoluene	10.0		<11	<11	<10.4	<10.0
2,6-Dinitrotoluene	10.0		<11	<11	<10.4	<10.0
2-Chloronaphthalene	10.0		<11	<11	<10.4	<10.0
2-Chlorophenol	10.0		<11	<11	<10.4	<10.0
2-Methylnaphthalene	10.0		4.4 JQ	2.0 JQ	<10.4	1.28 JQ
2-Methylphenol	10.0		<11	<11	<10.4	<10.0
2-Nitroaniline	50.0		<57	<56	<52.1	<50.0
2-Nitrophenol	10.0		<11	<11	<10.4	<10.0
3,3'-Dichlorobenzidine	20.0		<23	<22	<20.8	<20.0
3-Nitroaniline	50.0		<57	<56	<52.1	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<56	<52.1	<50.0
4-Bromophenyl phenyl ether	10.0		<11	<11	<10.4	<10.0
4-Chloro-3-methylphenol	10.0		<11	<11	<10.4	<10.0
4-Chloroaniline	20.0		<23	<22	<20.8	<20.0
4-Chlorophenyl phenyl ether	10.0		<11	<11	<10.4	<10.0
4-Methylphenol	10.0		<11	<11	<10.4	<10.0
4-Nitroaniline	50.0		<57	<56	<52.1 J	<50.0 J
4-Nitrophenol	50.0		<57	<56	<52.1	<50.0
Acenaphthene	10.0		<11	<11	<10.4	<10.0
Acenaphthylene	10.0		<11	<11	<10.4	<10.0
Anthracene	10.0		<11	<11	<10.4	<10.0
Benz(a)anthracene	10.0		<11	<11	<10.4	<10.0
Benzo(a)pyrene	10.0		<11	<11	<10.4	<10.0
Benzo(b)fluoranthene	10.0		<11	<11	<10.4	<10.0
Benzo(g,h,i)perylene	10.0		<11	<11	<10.4	<10.0
Benzo(k)fluoranthene	10.0		<11	<11	<10.4	<10.0
Benzoic acid	50.0		<57 R	<56 R	<52.1	<50.0
Benzyl alcohol	20.0		<23	<22	<20.8	<20.0
Butyl benzyl phthalate	10.0		<11	<11	5.76 JQ	9.79 JQ
Chrysene	10.0		<11	<11	<10.4	<10.0
Di-n-butylphthalate	10.0		1.6 JQ	1.3 JQ	1.04 JQ	1.19 JQ
Di-n-octylphthalate	10.0		<11	<11	<10.4	<10.0
Dibenz(a,h)anthracene	10.0		<11	<11	<10.4	<10.0
Dibenzofuran	10.0		<11	<11	<10.4	<10.0
Diethylphthalate	10.0		<11	<11	<10.4	<10.0
Dimethylphthalate	10.0		<11	<11	<10.4	<10.0
Fluoranthene	10.0		<11	<11	<10.4	<10.0
Fluorene	10.0		<11	<11	<10.4	<10.0
Hexachlorobenzene	10.0		<11	<11	<10.4	<10.0
Hexachlorobutadiene	10.0		<11	<11	<10.4	<10.0
Hexachlorocyclopentadiene	10.0		<11 J	<11 J	<10.4 J	<10.0 J
Hexachloroethane	10.0		<11	<11	<10.4	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<11	<10.4	<10.0
Isophorone	10.0		<11	<11	<10.4	<10.0
Naphthalene	10.0		7.4 JQ	6.2 JQ	3.76 JQ	4.27 JQ
Nitrobenzene	10.0		<11	<11	<10.4	<10.0
Pentachlorophenol	30.0		<34	<33	<31.3	<30.0
Phenanthrene	10.0		<11	<11	<10.4	<10.0
Phenol	10.0		<11	<11	<10.4	<10.0
Pyrene	10.0		<11	<11	<10.4	<10.0
bis(2-Chloroethoxy)methane	10.0		<11	<11	<10.4	<10.0
bis(2-Chloroethyl)ether	10.0		<11	<11	<10.4	<10.0
bis(2-Chloroisopropyl)ether	10.0		<11	<11	<10.4 J	<10.0 J

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W20 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 12-JUL-95	FDUP-3 12-JUL-95 Duplicate of ST14-W20
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<11	<10.4	<10.0
n-Nitrosodinpropylamine	10.0		<11	<11	<10.4	<10.0
n-Nitrosodiphenylamine	10.0		<11	<11	<10.4	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		92	87	69	70
sur-2-Fluorobiphenyl R% (43 - 116)	-		80	77	71	71
sur-2-Fluorophenol R% (21 - 100)	-		56	46	66	71
sur-Nitrobenzene-d5 R% (35 - 114)	-		75	70	84	84
sur-Phenol-d6 R% (10 - 94)	-		36	23	72	76
sur-Terphenyl-d14 R% (38 - 141)	-		85	78	75	82

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		5780	4690	1220 J	3000 J
Antimony	250		<250	<250	<250	<250
Barium	20.0		220	213	150	168
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		214000	210000	139000	165000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		20300	19700	13200	14200
Magnesium	250		7090	6840	5360	5930
Manganese	10.0		470	441	219 J	299 J
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		2620 JH	2300 JH	1160	1470
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		21600	21900	22300	20700
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		49.0	47.0	10.0	22.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		30.2	29.6	52.8 J	37.2 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		12.1	11.2	<5.00	7.25
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00 J	<5.00 J	<5.00	<5.00
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	0.275 JB	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		104.0	100.0	98.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		104.0	98.0	106.0	102.0
sur-Toluene-d8 R% (88 - 110)	-		102.0	101.0	101.0	102.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.8	<10.5	<10.3	<10.2
1,2-Dichlorobenzene	10.0		<10.8	<10.5	<10.3	<10.2
1,3-Dichlorobenzene	10.0		<10.8	<10.5	<10.3	<10.2
1,4-Dichlorobenzene	10.0		<10.8	<10.5	<10.3	<10.2
2,4,5-Trichlorophenol	20.0		<21.5	<21.1	<20.6	<20.4
2,4,6-Trichlorophenol	10.0		<10.8	<10.5	<10.3	<10.2
2,4-Dichlorophenol	10.0		<10.8	<10.5	<10.3	<10.2
2,4-Dimethylphenol	10.0		<10.8 JL	<10.5 JL	<10.3 JL	<10.2 JL
2,4-Dinitrophenol	50.0		<53.8	<52.6	<51.6	<51.0
2,4-Dinitrotoluene	10.0		<10.8	<10.5	<10.3	<10.2
2,6-Dinitrotoluene	10.0		<10.8	<10.5	<10.3	<10.2
2-Chloronaphthalene	10.0		<10.8	<10.5	<10.3	<10.2
2-Chlorophenol	10.0		<10.8	<10.5	<10.3	<10.2
2-Methylnaphthalene	10.0		<10.8	<10.5	<10.3	<10.2
2-Methylphenol	10.0		<10.8	<10.5	<10.3	<10.2
2-Nitroaniline	50.0		<53.8	<52.6	<51.6	<51.0
2-Nitrophenol	10.0		<10.8	<10.5	<10.3	<10.2
3,3'-Dichlorobenzidine	20.0		<21.5	<21.1	<20.6 J	<20.4 J
3-Nitroaniline	50.0		<53.8	<52.6	<51.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53.8	<52.6	<51.6	<51.0
4-Bromophenyl phenyl ether	10.0		<10.8	<10.5	<10.3	<10.2
4-Chloro-3-methylphenol	10.0		<10.8	<10.5	<10.3	<10.2
4-Chloroaniline	20.0		<21.5 J	<21.1 J	<20.6 J	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<10.8	<10.5	<10.3	<10.2
4-Methylphenol	10.0		<10.8 JL	<10.5 JL	<10.3	<10.2
4-Nitroaniline	50.0		<53.8	<52.6	<51.6	<51.0
4-Nitrophenol	50.0		<53.8	<52.6	<51.6	<51.0
Acenaphthene	10.0		<10.8	<10.5	<10.3	<10.2
Acenaphthylene	10.0		<10.8	<10.5	<10.3	<10.2
Anthracene	10.0		<10.8	<10.5	<10.3	<10.2
Benz(a)anthracene	10.0		<10.8	<10.5	<10.3	<10.2
Benzo(a)pyrene	10.0		<10.8	<10.5	<10.3	<10.2
Benzo(b)fluoranthene	10.0		<10.8	<10.5	<10.3	<10.2
Benzo(g,h,i)perylene	10.0		<10.8	<10.5	<10.3	<10.2
Benzo(k)fluoranthene	10.0		<10.8	<10.5	<10.3	<10.2
Benzoic acid	50.0		<53.8	<52.6	<51.6	<51.0
Benzyl alcohol	20.0		<21.5	<21.1	<20.6	<20.4
Butyl benzyl phthalate	10.0		5.28 JQ	7.40 JQ	5.08 JQ	11.4
Chrysene	10.0		<10.8	<10.5	<10.3	<10.2
Di-n-butylphthalate	10.0		<10.8	<10.5	<10.3	<10.2
Di-n-octylphthalate	10.0		<10.8	<10.5	<10.3	<10.2
Dibenz(a,h)anthracene	10.0		<10.8	<10.5	<10.3	<10.2
Dibenzofuran	10.0		<10.8	<10.5	<10.3	<10.2
Diethylphthalate	10.0		<10.8	<10.5	<10.3	<10.2
Dimethylphthalate	10.0		<10.8	<10.5	<10.3	<10.2
Fluoranthene	10.0		<10.8	<10.5	<10.3	<10.2
Fluorene	10.0		<10.8	<10.5	<10.3	<10.2
Hexachlorobenzene	10.0		<10.8	<10.5	<10.3	<10.2
Hexachlorobutadiene	10.0		<10.8	<10.5	<10.3	<10.2
Hexachlorocyclopentadiene	10.0		<10.8	<10.5	<10.3	<10.2
Hexachloroethane	10.0		<10.8 R	<10.5 R	<10.3 R	<10.2 R
Indeno(1,2,3-cd)pyrene	10.0		<10.8	<10.5	<10.3 JL	<10.2 JL
Isophorone	10.0		<10.8	<10.5	<10.3	<10.2
Naphthalene	10.0		<10.8	<10.5	<10.3	<10.2
Nitrobenzene	10.0		<10.8	<10.5	<10.3	<10.2
Pentachlorophenol	30.0		<32.2 R	<31.6 R	<30.9	<30.6
Phenanthrene	10.0		<10.8	<10.5	<10.3 JL	<10.2 JL
Phenol	10.0		<10.8	<10.5	<10.3	<10.2
Pyrene	10.0		<10.8	<10.5	<10.3	<10.2
bis(2-Chloroethoxy)methane	10.0		<10.8	<10.5	<10.3	<10.2
bis(2-Chloroethyl)ether	10.0		<10.8	<10.5	<10.3	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10.8	<10.5	<10.3	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W20 20-OCT-95	FDUP-3 20-OCT-95 Duplicate of ST14-W20	ST14-W20 12-JAN-96	FDUP-3 12-JAN-96 Duplicate of ST14-W20
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10.8	<10.5	<10.3	<10.2
n-Nitrosodinpropylamine	10.0		<10.8	<10.5	<10.3	<10.2
n-Nitrosodiphenylamine	10.0		<10.8	<10.5	<10.3	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		64.0	65.2	55.9	54.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		63.7	66.2	53.0	50.0
sur-2-Fluorophenol R% (21 - 100)	-		58.1	59.0	41.9	36.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		65.7	66.2	45.0	38.0
sur-Phenol-d6 R% (10 - 94)	-		59.1	60.9	42.9	37.0
sur-Terphenyl-d14 R% (38 - 141)	-		62.7	65.1	45.0	48.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		9000	19800	11700	20100
Antimony	250		<250	<250	<250	<250
Barium	20.0		250	320	258	326
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		330000	400000	287000	460000
Chromium	50.0		<50	52.0	<50.0	50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		42000	58500	37500	82300
Magnesium	250		8200	10100	7910	11200
Manganese	10.0		950	1220	903	1470
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	58.0	<50.0	<50.0
Potassium	600		2500	4730	3090	5020
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		11000	13200	13400	16400
Vanadium	50.0		51	88.0	55.0	110
Zinc	10.0		73	115	68.0	144
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		20	17.8	14.0	19.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		20	40.0	23.0	53.0
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	1.50 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		1.2 JB	<0.500	0.295 JQ	<0.500
Trichloroethene	0.500		<0.50	4.33	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	0.585	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		107	101	99.0	98.0
sur-Bromofluorobenzene R% (86 - 115)	-		97	102	94.0	104.0
sur-Toluene-d8 R% (88 - 110)	-		100	103	102.0	103.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.4	<11.2	<11.1
1,2-Dichlorobenzene	10.0		<10	<10.4	<11.2	<11.1
1,3-Dichlorobenzene	10.0		<10	<10.4	<11.2	<11.1
1,4-Dichlorobenzene	10.0		<10	<10.4	<11.2	<11.1
2,4,5-Trichlorophenol	20.0		<20	<20.8	<22.5	<22.2
2,4,6-Trichlorophenol	10.0		<10	<10.4	<11.2	<11.1
2,4-Dichlorophenol	10.0		<10	<10.4	<11.2	<11.1
2,4-Dimethylphenol	10.0		<10	<10.4	<11.2	<11.1 JL
2,4-Dinitrophenol	50.0		<51	<52.1 J	<56.2	<55.6
2,4-Dinitrotoluene	10.0		<10	<10.4	<11.2	<11.1
2,6-Dinitrotoluene	10.0		<10	<10.4	<11.2	<11.1
2-Chloronaphthalene	10.0		<10	<10.4	<11.2	<11.1
2-Chlorophenol	10.0		<10	<10.4	<11.2	<11.1
2-Methylnaphthalene	10.0		<10	<10.4	<11.2	<11.1
2-Methylphenol	10.0		<10	<10.4	<11.2	<11.1
2-Nitroaniline	50.0		<51	<52.1	<56.2	<55.6
2-Nitrophenol	10.0		<10	<10.4	<11.2	<11.1
3,3'-Dichlorobenzidine	20.0		<20	<20.8 J	<22.5	<22.2 J
3-Nitroaniline	50.0		<51	<52.1	<56.2	<55.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<51	<52.1	<56.2	<55.6
4-Bromophenyl phenyl ether	10.0		<10	<10.4	<11.2	<11.1
4-Chloro-3-methylphenol	10.0		<10	<10.4	<11.2	<11.1
4-Chloroaniline	20.0		<20	<20.8	<22.5 J	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.4	<11.2	<11.1
4-Methylphenol	10.0		<10	<10.4	<11.2	<11.1
4-Nitroaniline	50.0		<51	<52.1 J	<56.2	<55.6
4-Nitrophenol	50.0		<51	<52.1 J	<56.2	<55.6
Acenaphthene	10.0		<10	<10.4	<11.2	<11.1
Acenaphthylene	10.0		<10	<10.4	<11.2	<11.1
Anthracene	10.0		<10	<10.4	<11.2	<11.1
Benz(a)anthracene	10.0		<10	<10.4	<11.2	<11.1
Benzo(a)pyrene	10.0		<10	<10.4	<11.2	<11.1
Benzo(b)fluoranthene	10.0		<10	<10.4	<11.2	<11.1
Benzo(g,h,i)perylene	10.0		<10	<10.4	<11.2	<11.1
Benzo(k)fluoranthene	10.0		<10	<10.4	<11.2	<11.1
Benzoic acid	50.0		<51 J	<52.1 J	<56.2	<55.6
Benzyl alcohol	20.0		<20	<20.8	<22.5	<22.2
Butyl benzyl phthalate	10.0		<10	37.0	2.06 JQ	19.9
Chrysene	10.0		<10	<10.4	<11.2	<11.1
Di-n-butylphthalate	10.0		<10	0.995 JQ	<11.2	<11.1
Di-n-octylphthalate	10.0		<10	<10.4	<11.2	<11.1
Dibenz(a,h)anthracene	10.0		<10	<10.4	<11.2	<11.1
Dibenzofuran	10.0		<10	<10.4	<11.2	<11.1
Diethylphthalate	10.0		<10	<10.4	<11.2	<11.1
Dimethylphthalate	10.0		<10	<10.4	<11.2	<11.1
Fluoranthene	10.0		<10	<10.4	<11.2	<11.1
Fluorene	10.0		<10	<10.4	<11.2	<11.1
Hexachlorobenzene	10.0		<10	<10.4	<11.2	<11.1
Hexachlorobutadiene	10.0		<10	<10.4	<11.2	<11.1
Hexachlorocyclopentadiene	10.0		<10 J	<10.4 J	<11.2 R	<11.1 R
Hexachloroethane	10.0		<10	<10.4	<11.2	<11.1 JL
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.4	<11.2	<11.1
Isophorone	10.0		<10	<10.4	<11.2	<11.1
Naphthalene	10.0		<10	<10.4	<11.2	<11.1
Nitrobenzene	10.0		<10	<10.4	<11.2	<11.1
Pentachlorophenol	30.0		<31	<31.3	<33.7	<33.3
Phenanthrene	10.0		<10	<10.4	<11.2	<11.1 JL
Phenol	10.0		<10	7.19 JQ	<11.2	<11.1
Pyrene	10.0		<10	<10.4	<11.2	<11.1
bis(2-Chloroethoxy)methane	10.0		<10	<10.4	<11.2	<11.1
bis(2-Chloroethyl)ether	10.0		<10	<10.4	<11.2	<11.1
bis(2-Chloroisopropyl)ether	10.0		<10	<10.4	<11.2	<11.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W21 10-APR-95	ST14-W21 12-JUL-95	ST14-W21 21-OCT-95	ST14-W21 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.4	<11.2	<11.1
n-Nitrosodinpropylamine	10.0		<10	<10.4	<11.2	<11.1
n-Nitrosodiphenylamine	10.0		<10	<10.4	<11.2	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		72	86	82.8	54.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	76	78.2	51.1
sur-2-Fluorophenol R% (21 - 100)	-		71	61	68.0	38.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		83	81	82.2	43.1
sur-Phenol-d6 R% (10 - 94)	-		48	65	74.0	39.9
sur-Terphenyl-d14 R% (38 - 141)	-		71	80	77.2	48.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W22 21-OCT-95	ST14-W22 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		4700	<500	3790	10300
Antimony	250		<250	<250	<250	<250
Barium	20.0		140	121	171	203
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		210000	151000	204000	292000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		13000	1170	10100	24100
Magnesium	250		9800	7100	8660	10300
Manganese	10.0		210	109	223	395
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3300	2460	3980	4880
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		20000	19800	23500	23900
Vanadium	50.0		<50	<50.0	<50.0	50.0
Zinc	10.0		46	<10.0	27.0	51.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		7.3	<5.00	6.02	14.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W22 21-OCT-95	ST14-W22 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W22 21-OCT-95	ST14-W22 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W22 21-OCT-95	ST14-W22 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		1.3	0.940	3.51	6.13
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	94	95.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	90	94.0	95.0
sur-Toluene-d8 R% (88 - 110)	-		100	100	101.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.4	<10.4	<10.9
1,2-Dichlorobenzene	10.0		<10	<10.4	<10.4	<10.9
1,3-Dichlorobenzene	10.0		<10	<10.4	<10.4	<10.9
1,4-Dichlorobenzene	10.0		<10	<10.4	<10.4	<10.9
2,4,5-Trichlorophenol	20.0		<20	<20.8	<20.8	<21.7
2,4,6-Trichlorophenol	10.0		<10	<10.4	<10.4	<10.9
2,4-Dichlorophenol	10.0		<10	<10.4	<10.4	<10.9
2,4-Dimethylphenol	10.0		<10	<10.4	<10.4	<10.9
2,4-Dinitrophenol	50.0		<51	<52.1 J	<52.1	<54.4
2,4-Dinitrotoluene	10.0		<10	<10.4	<10.4	<10.9
2,6-Dinitrotoluene	10.0		<10	<10.4	<10.4	<10.9
2-Chloronaphthalene	10.0		<10	<10.4	<10.4	<10.9
2-Chlorophenol	10.0		<10	<10.4	<10.4	<10.9
2-Methylnaphthalene	10.0		<10	<10.4	<10.4	<10.9
2-Methylphenol	10.0		<10	<10.4	<10.4	<10.9
2-Nitroaniline	50.0		<51 J	<52.1	<52.1	<54.4
2-Nitrophenol	10.0		<10	<10.4	<10.4	<10.9
3,3'-Dichlorobenzidine	20.0		<20	<20.8 J	<20.8 J	<21.7
3-Nitroaniline	50.0		<51 J	<52.1	<52.1	<54.4

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W22 21-OCT-95	ST14-W22 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<51	<52.1	<52.1	<54.4
4-Bromophenyl phenyl ether	10.0		<10	<10.4	<10.4	<10.9
4-Chloro-3-methylphenol	10.0		<10	<10.4	<10.4	<10.9
4-Chloroaniline	20.0		<20	<20.8	<20.8 J	<21.7 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.4	<10.4	<10.9
4-Methylphenol	10.0		<10	<10.4	<10.4	<10.9
4-Nitroaniline	50.0		<51 J	<52.1 J	<52.1	<54.4
4-Nitrophenol	50.0		<51	<52.1	<52.1	<54.4
Acenaphthene	10.0		<10	<10.4	<10.4	<10.9
Acenaphthylene	10.0		<10	<10.4	<10.4	<10.9
Anthracene	10.0		<10	<10.4	<10.4	<10.9
Benz(a)anthracene	10.0		<10	<10.4	<10.4	<10.9
Benzo(a)pyrene	10.0		<10	<10.4	<10.4	<10.9
Benzo(b)fluoranthene	10.0		<10	<10.4	<10.4	<10.9
Benzo(g,h,i)perylene	10.0		<10	<10.4	<10.4	<10.9
Benzo(k)fluoranthene	10.0		<10	<10.4	<10.4	<10.9
Benzoic acid	50.0		<51	<52.1	<52.1	<54.4
Benzyl alcohol	20.0		<20	<20.8	<20.8	<21.7
Butyl benzyl phthalate	10.0		<10	1.85 JQ	35.0	12.0
Chrysene	10.0		<10	<10.4	<10.4	<10.9
Di-n-butylphthalate	10.0		<10	<10.4	<10.4	<10.9
Di-n-octylphthalate	10.0		<10	<10.4	<10.4	<10.9
Dibenz(a,h)anthracene	10.0		<10	<10.4	<10.4	<10.9
Dibenzofuran	10.0		<10	<10.4	<10.4	<10.9
Diethylphthalate	10.0		<10	<10.4	<10.4	<10.9
Dimethylphthalate	10.0		<10	<10.4	<10.4	<10.9
Fluoranthene	10.0		<10	<10.4	<10.4	<10.9
Fluorene	10.0		<10	<10.4	<10.4	<10.9
Hexachlorobenzene	10.0		<10	<10.4	<10.4	<10.9
Hexachlorobutadiene	10.0		<10	<10.4	<10.4	<10.9
Hexachlorocyclopentadiene	10.0		<10	<10.4	<10.4 R	<10.9 R
Hexachloroethane	10.0		<10	<10.4	<10.4	<10.9
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.4	<10.4	<10.9
Isophorone	10.0		<10	<10.4	<10.4	<10.9
Naphthalene	10.0		<10	<10.4	<10.4	<10.9
Nitrobenzene	10.0		<10	<10.4	<10.4	<10.9
Pentachlorophenol	30.0		<31	<31.3	<31.3	<32.6
Phenanthrene	10.0		<10	<10.4	<10.4	<10.9
Phenol	10.0		<10	<10.4	2.42 JQ	<10.9
Pyrene	10.0		<10	<10.4	<10.4	<10.9
bis(2-Chloroethoxy)methane	10.0		<10	<10.4	<10.4	<10.9
bis(2-Chloroethyl)ether	10.0		<10	<10.4	<10.4	<10.9
bis(2-Chloroisopropyl)ether	10.0		<10	<10.4	<10.4 JL	<10.9

DATA SUMMARY TABLE
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SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		4.7 JQ	<10.4	<10.4	<10.9
n-Nitrosodinpropylamine	10.0		<10	<10.4	<10.4	<10.9
n-Nitrosodiphenylamine	10.0		<10	<10.4	<10.4	<10.9
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		84	75	76.9	68.7
sur-2-Fluorobiphenyl R% (43 - 116)	-		77	80	71.2	70.8
sur-2-Fluorophenol R% (21 - 100)	-		89	69	63.1	61.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		71	85	73.1	62.8
sur-Phenol-d6 R% (10 - 94)	-		74	71	64.1	89.0
sur-Terphenyl-d14 R% (38 - 141)	-		75	96	73.1	65.8

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	ST14-W23 10-APR-95	ST14-W23 12-JUL-95	ST14-W23 17-OCT-95	ST14-W23 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		4100	11000	14500	13700
Antimony	250		<250	<250	<250	<250
Barium	20.0		110	176	153	173
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		170000	302000	309000	318000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	50.0
Iron	50.0		4100	8310	10100	11300
Magnesium	250		4700	6590	6830	7290
Manganese	10.0		140	322	364	381
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		2000	3260	3520	3460
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		15000	18600	17000	20400
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		87	31.0	32.0	45.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	5.28	<25.0	8.34
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W23 10-APR-95	ST14-W23 12-JUL-95	ST14-W23 17-OCT-95	ST14-W23 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	ST14-W23 10-APR-95	ST14-W23 12-JUL-95	ST14-W23 17-OCT-95	ST14-W23 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.5 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	100	96.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		96	95	95.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		101	99	100.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.1	<11.6	<11.0
1,2-Dichlorobenzene	10.0		<11	<10.1	<11.6	<11.0
1,3-Dichlorobenzene	10.0		<11	<10.1	<11.6	<11.0
1,4-Dichlorobenzene	10.0		<11	<10.1	<11.6	<11.0
2,4,5-Trichlorophenol	20.0		<22	<20.2	<23.3	<22.0
2,4,6-Trichlorophenol	10.0		<11	<10.1	<11.6	<11.0
2,4-Dichlorophenol	10.0		<11	<10.1	<11.6	<11.0
2,4-Dimethylphenol	10.0		<11	<10.1	<11.6 JL	<11.0
2,4-Dinitrophenol	50.0		<56	<50.5 J	<58.2	<55.0
2,4-Dinitrotoluene	10.0		<11	<10.1	<11.6	<11.0
2,6-Dinitrotoluene	10.0		<11	<10.1	<11.6	<11.0
2-Chloronaphthalene	10.0		<11	<10.1	<11.6	<11.0
2-Chlorophenol	10.0		<11	<10.1	<11.6	<11.0
2-Methylnaphthalene	10.0		<11	<10.1	<11.6	<11.0
2-Methylphenol	10.0		<11	<10.1	<11.6	<11.0
2-Nitroaniline	50.0		<56	<50.5	<58.2	<55.0
2-Nitrophenol	10.0		<11	<10.1	<11.6	<11.0
3,3'-Dichlorobenzidine	20.0		<22	<20.2 J	<23.3	<22.0
3-Nitroaniline	50.0		<56	<50.5	<58.2	<55.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W23 10-APR-95	ST14-W23 12-JUL-95	ST14-W23 17-OCT-95	ST14-W23 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<50.5	<58.2	<55.0
4-Bromophenyl phenyl ether	10.0		<11	<10.1	<11.6	<11.0
4-Chloro-3-methylphenol	10.0		<11	<10.1	<11.6	<11.0
4-Chloroaniline	20.0		<22	<20.2	<23.3	<22.0 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.1	<11.6	<11.0
4-Methylphenol	10.0		<11	<10.1	<11.6	<11.0
4-Nitroaniline	50.0		<56	<50.5 J	<58.2	<55.0
4-Nitrophenol	50.0		<56	<50.5 J	<58.2	<55.0
Acenaphthene	10.0		<11	<10.1	<11.6	<11.0
Acenaphthylene	10.0		<11	<10.1	<11.6	<11.0
Anthracene	10.0		<11	<10.1	<11.6	<11.0
Benz(a)anthracene	10.0		<11	<10.1	<11.6	<11.0
Benzo(a)pyrene	10.0		<11	<10.1	<11.6	<11.0
Benzo(b)fluoranthene	10.0		<11	<10.1	<11.6	<11.0
Benzo(g,h,i)perylene	10.0		<11	<10.1	<11.6	<11.0
Benzo(k)fluoranthene	10.0		<11	<10.1	<11.6	<11.0
Benzoic acid	50.0		<56 J	<50.5 J	<58.2	<55.0
Benzyl alcohol	20.0		<22	<20.2	<23.3 R	<22.0
Butyl benzyl phthalate	10.0		<11	<10.1	<11.6	3.08 JQ
Chrysene	10.0		<11	<10.1	<11.6	<11.0
Di-n-butylphthalate	10.0		<11	0.863 JQ	<11.6	<11.0
Di-n-octylphthalate	10.0		<11	<10.1	<11.6	<11.0
Dibenz(a,h)anthracene	10.0		<11	<10.1	<11.6	<11.0
Dibenzofuran	10.0		<11	<10.1	<11.6	<11.0
Diethylphthalate	10.0		<11	<10.1	<11.6	<11.0
Dimethylphthalate	10.0		<11	<10.1	<11.6	<11.0
Fluoranthene	10.0		<11	<10.1	<11.6	<11.0
Fluorene	10.0		<11	<10.1	<11.6	<11.0
Hexachlorobenzene	10.0		<11	<10.1	<11.6	<11.0
Hexachlorobutadiene	10.0		<11	<10.1	<11.6	<11.0
Hexachlorocyclopentadiene	10.0		<11 J	<10.1 J	<11.6 R	<11.0 R
Hexachloroethane	10.0		<11	<10.1	<11.6	<11.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.1	<11.6	<11.0
Isophorone	10.0		<11	<10.1	<11.6	<11.0
Naphthalene	10.0		<11	<10.1	<11.6	<11.0
Nitrobenzene	10.0		<11	<10.1	<11.6	<11.0
Pentachlorophenol	30.0		<33	<30.3	<34.9	<33.0
Phenanthrene	10.0		<11	<10.1	<11.6	<11.0
Phenol	10.0		<11	<10.1	<11.6	3.98 JQ
Pyrene	10.0		<11	<10.1	<11.6	<11.0
bis(2-Chloroethoxy)methane	10.0		<11	<10.1	<11.6	<11.0
bis(2-Chloroethyl)ether	10.0		<11	<10.1	<11.6	<11.0
bis(2-Chloroisopropyl)ether	10.0		<11	<10.1	<11.6 JL	<11.0

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	ST14-W23 10-APR-95	ST14-W23 12-JUL-95	ST14-W23 17-OCT-95	ST14-W23 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		5.6 JQ	<10.1	<11.6	<11.0
n-Nitrosodinpropylamine	10.0		<11	<10.1	<11.6	<11.0
n-Nitrosodiphenylamine	10.0		<11	<10.1	<11.6	<11.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		62	83	80.5	123.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		57	75	72.2	73.9
sur-2-Fluorophenol R% (21 - 100)	-		53	60	62.1	75.2
sur-Nitrobenzene-d5 R% (35 - 114)	-		58	78	51.1	88.9
sur-Phenol-d6 R% (10 - 94)	-		55	63	49.1	81.8
sur-Terphenyl-d14 R% (38 - 141)	-		61	81	93.1	93.6

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSA 19-OCT-95	FDUP-2 19-OCT-95 Duplicate of BSSA
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		-	3100 JB	<500	1820	2410
Antimony	250		-	<250	<250	<250	<250
Barium	20.0		-	160	229	187	192
Beryllium	3.00		-	<3.0	5560	<3.00	<3.00
Cadmium	10.0		-	<10	<10.0	<10.0	<10.0
Calcium	100		-	150000	227000	153000	162000
Chromium	50.0		-	<50	<50.0	<50.0	<50.0
Cobalt	50.0		-	<50	<50.0	<50.0	<50.0
Copper	50.0		-	<50	<50.0	<50.0	<50.0
Iron	50.0		-	6500	22400	5220	6650
Magnesium	250		-	5800	8600	6720	6890
Manganese	10.0		-	480	828	598	637
Molybdenum	50.0		-	<50	54100	<50.0	<50.0
Nickel	50.0		-	<50	<50.0	<50.0	<50.0
Potassium	600		-	1800	1920	1320	1450
Silver	50.0		-	<50	<50.0	<50.0	<50.0
Sodium	250		-	48000	<250	56400	56800
Vanadium	50.0		-	<50	<50.0	<50.0	<50.0
Zinc	10.0		-	200	1090	197	210
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		-	<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		-	<5.0	18.9	<5.00	5.38
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		-	<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		-	<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		-	<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSA 19-OCT-95	FDUP-2 19-OCT-95 Duplicate of BSSA
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-	-
2-Hexanone	5.00		-	-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-	-
Acetone	5.00		-	-	-	-	-
Benzene	0.500		-	-	-	-	-
Bromodichloromethane	0.500		-	-	-	-	-
Bromoform	1.00		-	-	-	-	-
Bromomethane	2.00		-	-	-	-	-
Carbon disulfide	1.00		-	-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-	-
Chlorobenzene	0.500		-	-	-	-	-

DATA SUMMARY TABLE
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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	-
Chloroform	0.500		-	-	-	-	-
Chloromethane	2.00		-	-	-	-	-
Dibromochloromethane	0.500		-	-	-	-	-
Ethylbenzene	0.500		-	-	-	-	-
Methylene chloride	2.00		-	-	-	-	-
Styrene	0.500		-	-	-	-	-
Tetrachloroethene	0.500		-	-	-	-	-
Toluene	0.500		-	-	-	-	-
Trichloroethene	0.500		-	-	-	-	-
Vinyl acetate	5.00		-	-	-	-	-
Vinyl chloride	2.00		-	-	-	-	-
Xylenes (total)	1.00		-	-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	-	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	-	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	-	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	-	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	-	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	-	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	-	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	-	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	-	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	-	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	-	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	-	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	-	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.2	-	6.44 JB	<2.00	<2.00
Styrene	0.500		<0.50	-	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	-	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	-	<0.500	<0.500	1.04
Vinyl acetate	5.00		<5.0	-	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	-	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	-	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		0.44 JQ	-	<0.500	<0.500	0.321 JQ
cis-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	-	91	96.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	-	91	96.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		99	-	98	99.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		-	<10	<10.9	<10.6	<11.0
1,2-Dichlorobenzene	10.0		-	<10	<10.9	<10.6	<11.0
1,3-Dichlorobenzene	10.0		-	<10	<10.9	<10.6	<11.0
1,4-Dichlorobenzene	10.0		-	<10	<10.9	<10.6	<11.0
2,4,5-Trichlorophenol	20.0		-	<21	<21.7	<21.3	<22.0
2,4,6-Trichlorophenol	10.0		-	<10	<10.9	<10.6	<11.0
2,4-Dichlorophenol	10.0		-	<10	<10.9	<10.6 R	<11.0 R
2,4-Dimethylphenol	10.0		-	<10	<10.9	<10.6	<11.0
2,4-Dinitrophenol	50.0		-	<53	<54.4 J	<53.2 R	<55.0 R
2,4-Dinitrotoluene	10.0		-	<10	<10.9	<10.6	<11.0
2,6-Dinitrotoluene	10.0		-	<10	<10.9	<10.6	<11.0
2-Chloronaphthalene	10.0		-	<10	<10.9	<10.6	<11.0
2-Chlorophenol	10.0		-	<10	<10.9	<10.6	<11.0
2-Methylnaphthalene	10.0		-	<10	<10.9	<10.6	<11.0
2-Methylphenol	10.0		-	<10	<10.9	<10.6	<11.0
2-Nitroaniline	50.0		-	<53	<54.4	<53.2	<55.0
2-Nitrophenol	10.0		-	<10	<10.9	<10.6	<11.0
3,3'-Dichlorobenzidine	20.0		-	<21	<21.7 J	<21.3 J	<22.0 J
3-Nitroaniline	50.0		-	<53	<54.4	<53.2	<55.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSA 19-OCT-95	FDUP-2 19-OCT-95 Duplicate of BSSA
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		-	<53	<54.4	<53.2 R	<55.0 R
4-Bromophenyl phenyl ether	10.0		-	<10	<10.9	<10.6	<11.0
4-Chloro-3-methylphenol	10.0		-	<10	<10.9	<10.6	<11.0
4-Chloroaniline	20.0		-	<21	<21.7	<21.3	<22.0
4-Chlorophenyl phenyl ether	10.0		-	<10	<10.9	<10.6	<11.0
4-Methylphenol	10.0		-	<10	<10.9	<10.6	<11.0
4-Nitroaniline	50.0		-	<53	<54.4 J	<53.2	<55.0
4-Nitrophenol	50.0		-	<53	<54.4	<53.2 R	<55.0 R
Acenaphthene	10.0		-	<10	<10.9	<10.6	<11.0
Acenaphthylene	10.0		-	<10	<10.9	<10.6	<11.0
Anthracene	10.0		-	<10	<10.9	<10.6	<11.0
Benz(a)anthracene	10.0		-	<10	<10.9	<10.6	<11.0
Benzo(a)pyrene	10.0		-	<10	<10.9	<10.6	<11.0
Benzo(b)fluoranthene	10.0		-	<10	<10.9	<10.6	<11.0
Benzo(g,h,i)perylene	10.0		-	<10	<10.9	<10.6	<11.0
Benzo(k)fluoranthene	10.0		-	<10	<10.9	<10.6	<11.0
Benzoic acid	50.0		-	<53	<54.4	<53.2 J	<55.0
Benzyl alcohol	20.0		-	<21	<21.7	<21.3	<22.0 J
Butyl benzyl phthalate	10.0		-	<10	12.9	7.53 JQ	25.6
Chrysene	10.0		-	<10	<10.9	<10.6	<11.0
Di-n-butylphthalate	10.0		-	1.4 JQ	<10.9	<10.6	<11.0
Di-n-octylphthalate	10.0		-	<10	<10.9	<10.6	<11.0
Dibenz(a,h)anthracene	10.0		-	<10	<10.9	<10.6	<11.0
Dibenzofuran	10.0		-	<10	<10.9	<10.6	<11.0
Diethylphthalate	10.0		-	<10	<10.9	<10.6	<11.0
Dimethylphthalate	10.0		-	<10	<10.9	<10.6	<11.0
Fluoranthene	10.0		-	<10	<10.9	<10.6	<11.0
Fluorene	10.0		-	<10	<10.9	<10.6	<11.0
Hexachlorobenzene	10.0		-	<10	<10.9	<10.6	<11.0
Hexachlorobutadiene	10.0		-	<10	<10.9	<10.6	<11.0
Hexachlorocyclopentadiene	10.0		-	<10	<10.9	<10.6 R	<11.0 R
Hexachloroethane	10.0		-	<10	<10.9	<10.6 JL	<11.0 JL
Indeno(1,2,3-cd)pyrene	10.0		-	<10	<10.9	<10.6	<11.0
Isophorone	10.0		-	<10	<10.9	<10.6	<11.0
Naphthalene	10.0		-	<10	1.58 JQ	<10.6	<11.0
Nitrobenzene	10.0		-	<10	<10.9	<10.6	<11.0
Pentachlorophenol	30.0		-	<32	<32.6	<31.9 R	<33.0 R
Phenanthrene	10.0		-	<10	<10.9	<10.6	<11.0
Phenol	10.0		-	<10	<10.9	<10.6 R	<11.0 R
Pyrene	10.0		-	<10	<10.9	<10.6	<11.0
bis(2-Chloroethoxy)methane	10.0		-	<10	<10.9	<10.6	<11.0
bis(2-Chloroethyl)ether	10.0		-	<10	<10.9	<10.6	<11.0
bis(2-Chloroisopropyl)ether	10.0		-	<10	<10.9	<10.6	<11.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSA 19-OCT-95	FDUP-2 19-OCT-95 Duplicate of BSSA
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		-	<10	<10.9	<10.6	<11.0
n-Nitrosodinpropylamine	10.0		-	<10	<10.9	<10.6	<11.0
n-Nitrosodiphenylamine	10.0		-	<10	<10.9	<10.6	<11.0
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		-	79	70	56.9	59.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		-	74	78	74.2	72.9
sur-2-Fluorophenol R% (21 - 100)	-		-	68	67	72.5	70.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		-	71	82	70.3	73.9
sur-Phenol-d6 R% (10 - 94)	-		-	46	67	65.6	63.6
sur-Terphenyl-d14 R% (38 - 141)	-		-	75	94	76.3	77.9

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		16200	14200	-	-	1200 JB
Antimony	250		<250	<250	-	-	<250
Barium	20.0		306	311	-	-	160
Beryllium	3.00		<3.00	<3.00	-	-	<3.0
Cadmium	10.0		<10.0	<10.0	-	-	<10
Calcium	100		362000	391000	-	-	160000
Chromium	50.0		<50.0	67.0	-	-	<50
Cobalt	50.0		<50.0	<50.0	-	-	<50
Copper	50.0		59.0	60.0	-	-	<50
Iron	50.0		45700	49400	-	-	34000
Magnesium	250		10000	9980	-	-	12000
Manganese	10.0		1760	1830	-	-	560
Molybdenum	50.0		<50.0	<50.0	-	-	<50
Nickel	50.0		<50.0	58.0	-	-	<50
Potassium	600		3920	3510	-	-	1000
Silver	50.0		<50.0	<50.0	-	-	<50
Sodium	250		57800	57700	-	-	71000
Vanadium	50.0		113	119	-	-	<50
Zinc	10.0		1300	1280	-	-	13
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		6.47	5.76	-	-	42
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		36.8	33.5	-	-	9.3
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.500	<0.500	-	-	<0.50
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<5.00	<5.00	-	-	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.00	<2.00	-	-	<2.0
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	<1000	<1000	-
1,1,2,2-Tetrachloroethane	0.500		-	-	<1000	<1000	-
1,1,2-Trichloroethane	1.00		-	-	<1000	<1000	-
1,1-Dichloroethane	0.500		-	-	<1000	<1000	-
1,1-Dichloroethene	0.500		-	-	<1000	<1000	-
1,2-Dichloroethane	1.00		-	-	<1000	<1000	-
1,2-Dichloropropane	0.500		-	-	<1000	<1000	-
2-Butanone (MEK)	5.00		-	-	<2000	<2000	-
2-Chloroethyl vinyl ether	5.00		-	-	<2000	<2000	-
2-Hexanone	5.00		-	-	<2000	<2000	-
4-Methyl-2-pentanone	5.00		-	-	<2000	<2000	-
Acetone	5.00		-	-	<2000	<2000	-
Benzene	0.500		-	-	80 J	3400 J	-
Bromodichloromethane	0.500		-	-	<1000	<1000	-
Bromoform	1.00		-	-	<1000	<1000	-
Bromomethane	2.00		-	-	<2000	<2000	-
Carbon disulfide	1.00		-	-	<1000	<1000	-
Carbon tetrachloride	0.500		-	-	<1000	<1000	-
Chlorobenzene	0.500		-	-	<1000	<1000	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	<2000	<2000	-
Chloroform	0.500		-	-	<1000	<1000	-
Chloromethane	2.00		-	-	<2000	<2000	-
Dibromochloromethane	0.500		-	-	<1000	<1000	-
Ethylbenzene	0.500		-	-	1700	2000	-
Methylene chloride	2.00		-	-	<1000	<1000	-
Styrene	0.500		-	-	<1000	<1000	-
Tetrachloroethene	0.500		-	-	<1000	<1000	-
Toluene	0.500		-	-	20000	21000	-
Trichloroethene	0.500		-	-	<1000	<1000	-
Vinyl acetate	5.00		-	-	<2000	<2000	-
Vinyl chloride	2.00		-	-	<2000	<2000	-
Xylenes (total)	1.00		-	-	9300	11000	-
cis-1,2-Dichloroethene	0.500		-	-	<1000	<1000	-
cis-1,3-Dichloropropene	0.500		-	-	<1000	<1000	-
trans-1,2-Dichloroethene	0.500		-	-	<1000	<1000	-
trans-1,3-Dichloropropene	0.500		-	-	<1000	<1000	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	94	92	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	99	103	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	102	103	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<0.500	<0.500	-	-	-
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	-	-	-
1,1,2-Trichloroethane	1.00		<1.00	<1.00	-	-	-
1,1-Dichloroethane	0.500		<0.500	<0.500	-	-	-
1,1-Dichloroethene	0.500		<0.500	<0.500	-	-	-
1,2-Dichloroethane	1.00		<1.00	<1.00	-	-	-
1,2-Dichloropropane	0.500		<0.500	<0.500	-	-	-
2-Butanone	5.00		<5.00 J	<5.00 J	-	-	-
2-Chloroethyl vinyl ether	5.00		<5.00 R	<5.00 R	-	-	-
2-Hexanone	5.00		<5.00 J	<5.00 J	-	-	-
4-Methyl-2-pentanone	5.00		<5.00 J	<5.00 J	-	-	-
Acetone	5.00		<5.00 J	<5.00 J	-	-	-
Benzene	0.500		<0.500	<0.500	-	-	-
Bromodichloromethane	0.500		<0.500	<0.500	-	-	-
Bromoform	1.00		<1.00	<1.00	-	-	-
Bromomethane	2.00		<2.00	<2.00	-	-	-
Carbon disulfide	1.00		<1.00	<1.00	-	-	-
Carbon tetrachloride	0.500		<0.500	<0.500	-	-	-
Chlorobenzene	0.500		<0.500	<0.500	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		<2.00	<2.00	-	-	-
Chloroform	0.500		<0.500	<0.500	-	-	-
Chloromethane	2.00		<2.00	<2.00	-	-	-
Dibromochloromethane	0.500		<0.500	<0.500	-	-	-
Ethylbenzene	0.500		<0.500	<0.500	-	-	-
Methylene chloride	2.00		<2.00	<2.00	-	-	-
Styrene	0.500		<0.500	<0.500	-	-	-
Tetrachloroethene	0.500		<0.500	<0.500	-	-	-
Toluene	0.500		<0.500	<0.500	-	-	-
Trichloroethene	0.500		<0.500	<0.500	-	-	-
Vinyl acetate	5.00		<5.00	<5.00	-	-	-
Vinyl chloride	2.00		<2.00	<2.00	-	-	-
Xylenes (total)	1.00		<1.00	<1.00	-	-	-
cis-1,2-Dichloroethene	0.500		0.436 JQ	0.460 JQ	-	-	-
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	-	-	-
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	-	-	-
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		86.0	92.0	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		90.0	93.0	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		100.0	100.0	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		<10.3	<10.2	-	-	<110
1,2-Dichlorobenzene	10.0		<10.3	<10.2	-	-	<110
1,3-Dichlorobenzene	10.0		<10.3	<10.2	-	-	<110
1,4-Dichlorobenzene	10.0		<10.3	<10.2	-	-	<110
2,4,5-Trichlorophenol	20.0		<20.6	<20.4	-	-	<220
2,4,6-Trichlorophenol	10.0		<10.3	<10.2	-	-	<110
2,4-Dichlorophenol	10.0		<10.3	<10.2	-	-	<110
2,4-Dimethylphenol	10.0		<10.3	<10.2	-	-	74 JQ
2,4-Dinitrophenol	50.0		<51.6	<51.0	-	-	<560
2,4-Dinitrotoluene	10.0		<10.3	<10.2	-	-	<110
2,6-Dinitrotoluene	10.0		<10.3	<10.2	-	-	<110
2-Chloronaphthalene	10.0		<10.3	<10.2	-	-	<110
2-Chlorophenol	10.0		<10.3	<10.2	-	-	<110
2-Methylnaphthalene	10.0		<10.3	<10.2	-	-	110
2-Methylphenol	10.0		<10.3	<10.2	-	-	40 JQ
2-Nitroaniline	50.0		<51.6	<51.0	-	-	<560 J
2-Nitrophenol	10.0		<10.3	<10.2	-	-	<110
3,3'-Dichlorobenzidine	20.0		<20.6 J	<20.4 J	-	-	<220
3-Nitroaniline	50.0		<51.6	<51.0	-	-	<560 J

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		<51.6	<51.0	-	-	<560
4-Bromophenyl phenyl ether	10.0		<10.3	<10.2	-	-	<110
4-Chloro-3-methylphenol	10.0		<10.3	<10.2	-	-	<110
4-Chloroaniline	20.0		<20.6 J	<20.4 J	-	-	<220 J
4-Chlorophenyl phenyl ether	10.0		<10.3	<10.2	-	-	<110
4-Methylphenol	10.0		<10.3	<10.2	-	-	55 JQ
4-Nitroaniline	50.0		<51.6	<51.0	-	-	<560 J
4-Nitrophenol	50.0		<51.6 J	<51.0 J	-	-	<560 J
Acenaphthene	10.0		<10.3	<10.2	-	-	<110
Acenaphthylene	10.0		<10.3	<10.2	-	-	<110
Anthracene	10.0		<10.3	<10.2	-	-	<110
Benz(a)anthracene	10.0		<10.3	<10.2	-	-	<110
Benzo(a)pyrene	10.0		<10.3	<10.2	-	-	<110
Benzo(b)fluoranthene	10.0		<10.3	<10.2	-	-	<110
Benzo(g,h,i)perylene	10.0		<10.3	<10.2	-	-	<110
Benzo(k)fluoranthene	10.0		<10.3	<10.2	-	-	<110
Benzoic acid	50.0		<51.6	<51.0	-	-	<560
Benzyl alcohol	20.0		<20.6	<20.4	-	-	<220
Butyl benzyl phthalate	10.0		<10.3	<10.2	-	-	<110
Chrysene	10.0		<10.3	<10.2	-	-	<110
Di-n-butylphthalate	10.0		<10.3	<10.2	-	-	<110
Di-n-octylphthalate	10.0		<10.3	<10.2	-	-	<110
Dibenz(a,h)anthracene	10.0		<10.3	<10.2	-	-	<110
Dibenzofuran	10.0		<10.3	<10.2	-	-	<110
Diethylphthalate	10.0		<10.3	<10.2	-	-	<110
Dimethylphthalate	10.0		<10.3	<10.2	-	-	<110
Fluoranthene	10.0		<10.3	<10.2	-	-	<110
Fluorene	10.0		<10.3	<10.2	-	-	<110
Hexachlorobenzene	10.0		<10.3	<10.2	-	-	<110
Hexachlorobutadiene	10.0		<10.3	<10.2	-	-	<110
Hexachlorocyclopentadiene	10.0		<10.3 R	<10.2 R	-	-	<110
Hexachloroethane	10.0		<10.3	<10.2	-	-	<110
Indeno(1,2,3-cd)pyrene	10.0		<10.3	<10.2	-	-	<110
Isophorone	10.0		<10.3	<10.2	-	-	<110
Naphthalene	10.0		<10.3	<10.2	-	-	390
Nitrobenzene	10.0		<10.3	<10.2	-	-	<110
Pentachlorophenol	30.0		<30.9	<30.6	-	-	<330
Phenanthrene	10.0		<10.3	<10.2	-	-	<110
Phenol	10.0		<10.3	<10.2	-	-	<110
Pyrene	10.0		<10.3	<10.2	-	-	<110
bis(2-Chloroethoxy)methane	10.0		<10.3	<10.2	-	-	<110
bis(2-Chloroethyl)ether	10.0		<10.3	<10.2	-	-	<110
bis(2-Chloroisopropyl)ether	10.0		<10.3	<10.2	-	-	<110

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSA 10-JAN-96	FDUP-2 10-JAN-96 Duplicate of BSSA	BSSB 08-APR-95	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 13-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		<10.3	<10.2	-	-	<110
n-Nitrosodinpropylamine	10.0		<10.3	<10.2	-	-	<110
n-Nitrosodiphenylamine	10.0		<10.3	<10.2	-	-	<110
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		67.1	44.0	-	-	41
sur-2-Fluorobiphenyl R% (43 - 116)	-		85.0	64.0	-	-	43
sur-2-Fluorophenol R% (21 - 100)	-		74.8	60.0	-	-	40
sur-Nitrobenzene-d5 R% (35 - 114)	-		71.1	51.0	-	-	30
sur-Phenol-d6 R% (10 - 94)	-		63.9	50.0	-	-	23
sur-Terphenyl-d14 R% (38 - 141)	-		64.1	53.0	-	-	53

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		616 J	867 J	<500	1830
Antimony	250		<250	<250	<250	<250
Barium	20.0		146	131	130	142
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		155000	158000	149000	154000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		16600	18900	27600	58300
Magnesium	250		12700	12700	11600	11600
Manganese	10.0		606	621	588	534
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		924	1030	920	1200
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		67500	67100	71900	75000
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		40.3 J	54.7 J	60.0	78.1
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	6.19	<25.0	23.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	0.500		<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	1.00		<1000	<1000	<1000	<1000
1,1-Dichloroethane	0.500		<1000	<1000	<1000	<1000
1,1-Dichloroethene	0.500		<1000	<1000	<1000	<1000
1,2-Dichloroethane	1.00		<1000	<1000	<1000	<1000
1,2-Dichloropropane	0.500		<1000	<1000	<1000	<1000
2-Butanone (MEK)	5.00		<2000	<2000	<2000	<2000
2-Chloroethyl vinyl ether	5.00		<2000 J	<2000 J	<2000	<2000
2-Hexanone	5.00		<2000	<2000	<2000	<2000
4-Methyl-2-pentanone	5.00		<2000	<2000	<2000	<2000
Acetone	5.00		<2000	<2000	<2000 J	<2000
Benzene	0.500		1720	1600	1660	930 JQ
Bromodichloromethane	0.500		<1000	<1000	<1000	<1000
Bromoform	1.00		<1000	<1000	<1000	<1000
Bromomethane	2.00		<2000	<2000	<2000	<2000
Carbon disulfide	1.00		<1000	<1000	<1000	<1000
Carbon tetrachloride	0.500		<1000	<1000	<1000	<1000
Chlorobenzene	0.500		<1000	<1000	<1000	<1000

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2000	<2000	<2000	<2000
Chloroform	0.500		<1000	<1000	<1000	<1000
Chloromethane	2.00		<2000	<2000	<2000	<2000
Dibromochloromethane	0.500		<1000	<1000	<1000	<1000
Ethylbenzene	0.500		1170	1120	1510	1590
Methylene chloride	2.00		<1000	1000	<1000	<1000 JL
Styrene	0.500		<1000	<1000	<1000	<1000
Tetrachloroethene	0.500		<1000	<1000	<1000	<1000
Toluene	0.500		8990	8080	14900	18200
Trichloroethene	0.500		<1000	<1000	<1000	<1000
Vinyl acetate	5.00		<2000	<2000	<2000	<2000
Vinyl chloride	2.00		<2000	<2000	<2000	<2000
Xylenes (total)	1.00		5530	5170	7160	8060
cis-1,2-Dichloroethene	0.500		<1000	<1000	<1000	<1000
cis-1,3-Dichloropropene	0.500		<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	0.500		<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	0.500		<1000	<1000	<1000	<1000
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		110	107	105.0	95.0
sur-Bromofluorobenzene R% (86 - 115)	-		102	104	96.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		102	100	100.0	103.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<103	<100	<100	<106
1,2-Dichlorobenzene	10.0		<103	<100	<100	<106
1,3-Dichlorobenzene	10.0		<103	<100	<100	<106
1,4-Dichlorobenzene	10.0		<103	<100	<100	<106
2,4,5-Trichlorophenol	20.0		<206	<200	<200	<213
2,4,6-Trichlorophenol	10.0		<103	<100	<100	<106
2,4-Dichlorophenol	10.0		<103	<100	<100	<106
2,4-Dimethylphenol	10.0		<103	<100	<100 JL	<106
2,4-Dinitrophenol	50.0		<516 J	<500 J	<500 J	<532
2,4-Dinitrotoluene	10.0		<103	<100	<100	<106
2,6-Dinitrotoluene	10.0		<103	<100	<100	<106
2-Chloronaphthalene	10.0		<103	<100	<100	<106
2-Chlorophenol	10.0		<103	<100	<100	<106
2-Methylnaphthalene	10.0		192	187	82.6 JQ	176
2-Methylphenol	10.0		<103	<100	<100	14.7 JQ
2-Nitroaniline	50.0		<516	<500	<500	<532
2-Nitrophenol	10.0		<103	<100	<100	<106
3,3'-Dichlorobenzidine	20.0		<206 J	<200 J	<200	<213
3-Nitroaniline	50.0		<516	<500	<500	<532

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<516	<500	<500	<532
4-Bromophenyl phenyl ether	10.0		<103	<100	<100	<106
4-Chloro-3-methylphenol	10.0		<103	<100	<100	<106
4-Chloroaniline	20.0		<206	<200	<200	<213 J
4-Chlorophenyl phenyl ether	10.0		<103	<100	<100	<106
4-Methylphenol	10.0		<103	35.8 JQ	<100	29.9 JQ
4-Nitroaniline	50.0		<516 J	<500 J	<500	<532
4-Nitrophenol	50.0		<516	<500	<500	<532
Acenaphthene	10.0		<103	<100	<100	<106
Acenaphthylene	10.0		<103	<100	<100	<106
Anthracene	10.0		<103	<100	<100	<106
Benz(a)anthracene	10.0		<103	<100	<100	<106
Benzo(a)pyrene	10.0		<103	<100	<100	<106
Benzo(b)fluoranthene	10.0		<103	<100	<100	<106
Benzo(g,h,i)perylene	10.0		<103	<100	<100	<106
Benzo(k)fluoranthene	10.0		<103	<100	<100	<106
Benzoic acid	50.0		<516	<500	<500	<532
Benzyl alcohol	20.0		<206	<200	<200 R	<213
Butyl benzyl phthalate	10.0		<103	<100	<100	<106
Chrysene	10.0		<103	<100	<100	<106
Di-n-butylphthalate	10.0		<103	<100	<100	<106
Di-n-octylphthalate	10.0		<103	<100	<100	<106
Dibenz(a,h)anthracene	10.0		<103	<100	<100	<106
Dibenzofuran	10.0		<103	<100	<100	<106
Diethylphthalate	10.0		<103	<100	<100	<106
Dimethylphthalate	10.0		<103	<100	<100	109
Fluoranthene	10.0		<103	<100	<100	<106
Fluorene	10.0		<103	<100	<100	<106
Hexachlorobenzene	10.0		<103	<100	<100	<106
Hexachlorobutadiene	10.0		<103	<100	<100	<106
Hexachlorocyclopentadiene	10.0		<103	<100	<100 R	<106 R
Hexachloroethane	10.0		<103	<100	<100	<106
Indeno(1,2,3-cd)pyrene	10.0		<103	<100	<100	<106
Isophorone	10.0		<103	<100	<100	<106
Naphthalene	10.0		583	583	398	564
Nitrobenzene	10.0		<103	<100	<100	<106
Pentachlorophenol	30.0		<309	<300	<300	<319
Phenanthrene	10.0		<103	<100	<100	<106
Phenol	10.0		28.5 JQ	<100	<100	<106
Pyrene	10.0		<103	<100	<100	<106
bis(2-Chloroethoxy)methane	10.0		<103	<100	<100	<106
bis(2-Chloroethyl)ether	10.0		<103	<100	<100	<106
bis(2-Chloroisopropyl)ether	10.0		<103	<100	<100 JL	<106

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	BSSB 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 17-OCT-95	BSSB 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<103	<100	<100	<106
n-Nitrosodinpropylamine	10.0		<103	<100	<100	<106
n-Nitrosodiphenylamine	10.0		<103	<100	<100	<106
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		107	107	62.0	53.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		126	129	88.0	113.2
sur-2-Fluorophenol R% (21 - 100)	-		56	74	39.0	47.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		90	88	68.0	56.2
sur-Phenol-d6 R% (10 - 94)	-		80	80	47.0	60.8
sur-Terphenyl-d14 R% (38 - 141)	-		137	137	109.0	92.4

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		-	23000	1120	<500	4580
Antimony	250		-	<250	<250	<250	<250
Barium	20.0		-	92	81.0	124	144
Beryllium	3.00		-	<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		-	<10	<10.0	<10.0	<10.0
Calcium	100		-	120000	82400	113000	120000
Chromium	50.0		-	<50	<50.0	<50.0	<50.0
Cobalt	50.0		-	<50	<50.0	<50.0	<50.0
Copper	50.0		-	<50	<50.0	<50.0	<50.0
Iron	50.0		-	7500	3520	5430	5820
Magnesium	250		-	4500	3780	4960	5360
Manganese	10.0		-	320	322	434	204
Molybdenum	50.0		-	<50	<50.0	<50.0	<50.0
Nickel	50.0		-	<50	<50.0	<50.0	<50.0
Potassium	600		-	6300	5080	6320	9000
Silver	50.0		-	<50	<50.0	<50.0	<50.0
Sodium	250		-	9900	19300	30400	28900
Vanadium	50.0		-	<50	<50.0	<50.0	<50.0
Zinc	10.0		-	54	10.0	<10.0	41.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		-	20	71.8	50.5	17.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		-	12	<5.00	<25.0	17.3
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		-	<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		-	<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		-	<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<10	-	<10.0	-	-
1,1,2,2-Tetrachloroethane	0.500		<10	-	<10.0	-	-
1,1,2-Trichloroethane	1.00		<10	-	<10.0	-	-
1,1-Dichloroethane	0.500		<10	-	<10.0	-	-
1,1-Dichloroethene	0.500		<10	-	<10.0	-	-
1,2-Dichloroethane	1.00		<10	-	<10.0	-	-
1,2-Dichloropropane	0.500		<10	-	<10.0	-	-
2-Butanone (MEK)	5.00		<20	-	<20.0	-	-
2-Chloroethyl vinyl ether	5.00		<20	-	<20.0 J	-	-
2-Hexanone	5.00		<20	-	<20.0	-	-
4-Methyl-2-pentanone	5.00		<20	-	<20.0	-	-
Acetone	5.00		<20	-	<20.0	-	-
Benzene	0.500		180	-	268	-	-
Bromodichloromethane	0.500		<10	-	<10.0	-	-
Bromoform	1.00		<10	-	<10.0	-	-
Bromomethane	2.00		<20	-	<20.0	-	-
Carbon disulfide	1.00		<10	-	<10.0	-	-
Carbon tetrachloride	0.500		<10	-	<10.0	-	-
Chlorobenzene	0.500		<10	-	<10.0	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		<20	-	<20.0	-	-
Chloroform	0.500		<10	-	<10.0	-	-
Chloromethane	2.00		<20	-	<20.0	-	-
Dibromochloromethane	0.500		<10	-	<10.0	-	-
Ethylbenzene	0.500		240	-	88.1	-	-
Methylene chloride	2.00		13 JB	-	8.64 JB	-	-
Styrene	0.500		<10	-	<10.0	-	-
Tetrachloroethene	0.500		<10	-	<10.0	-	-
Toluene	0.500		38	-	122	-	-
Trichloroethene	0.500		<10	-	<10.0	-	-
Vinyl acetate	5.00		<20	-	<20.0	-	-
Vinyl chloride	2.00		<20	-	<20.0	-	-
Xylenes (total)	1.00		73	-	43.2	-	-
cis-1,2-Dichloroethene	0.500		<10	-	<10.0	-	-
cis-1,3-Dichloropropene	0.500		<10	-	<10.0	-	-
trans-1,2-Dichloroethene	0.500		<10	-	<10.0	-	-
trans-1,3-Dichloropropene	0.500		<10	-	<10.0	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92	-	107	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		100	-	99	-	-
sur-Toluene-d8 R% (88 - 110)	-		103	-	101	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	<4.00	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	-	-	<4.00	<0.500
1,1,2-Trichloroethane	1.00		-	-	-	<8.00	<1.00
1,1-Dichloroethane	0.500		-	-	-	<4.00	<0.500
1,1-Dichloroethene	0.500		-	-	-	<4.00	<0.500
1,2-Dichloroethane	1.00		-	-	-	<8.00	<1.00
1,2-Dichloropropane	0.500		-	-	-	<4.00	<0.500
2-Butanone	5.00		-	-	-	<40.0	<5.00
2-Chloroethyl vinyl ether	5.00		-	-	-	<40.0	<5.00
2-Hexanone	5.00		-	-	-	<40.0	<5.00
4-Methyl-2-pentanone	5.00		-	-	-	<40.0	<5.00
Acetone	5.00		-	-	-	<40.0	<5.00
Benzene	0.500		-	-	-	134	4.95
Bromodichloromethane	0.500		-	-	-	<4.00	<0.500
Bromoform	1.00		-	-	-	<8.00	<1.00
Bromomethane	2.00		-	-	-	<16.0	<2.00
Carbon disulfide	1.00		-	-	-	<8.00	<1.00
Carbon tetrachloride	0.500		-	-	-	<4.00	<0.500
Chlorobenzene	0.500		-	-	-	<4.00	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	<16.0	<2.00
Chloroform	0.500		-	-	-	<4.00	0.586
Chloromethane	2.00		-	-	-	<16.0	<2.00
Dibromochloromethane	0.500		-	-	-	<4.00	<0.500
Ethylbenzene	0.500		-	-	-	386	16.4
Methylene chloride	2.00		-	-	-	<16.0	<2.00
Styrene	0.500		-	-	-	<4.00	<0.500
Tetrachloroethene	0.500		-	-	-	<4.00	<0.500
Toluene	0.500		-	-	-	26.8	1.74
Trichloroethene	0.500		-	-	-	<4.00	<0.500
Vinyl acetate	5.00		-	-	-	<40.0	<5.00
Vinyl chloride	2.00		-	-	-	<16.0	<2.00 JL
Xylenes (total)	1.00		-	-	-	52.7	2.78
cis-1,2-Dichloroethene	0.500		-	-	-	<4.00	<0.500
cis-1,3-Dichloropropene	0.500		-	-	-	<4.00	<0.500
trans-1,2-Dichloroethene	0.500		-	-	-	<4.00	<0.500
trans-1,3-Dichloropropene	0.500		-	-	-	<4.00	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	100.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	92.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	102.0	97.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		-	<11	<10.0	<10.0	<10.2
1,2-Dichlorobenzene	10.0		-	<11	<10.0	<10.0	<10.2
1,3-Dichlorobenzene	10.0		-	<11	<10.0	<10.0	<10.2
1,4-Dichlorobenzene	10.0		-	<11	<10.0	<10.0	<10.2
2,4,5-Trichlorophenol	20.0		-	<22	<20.0	<20.0	<20.4
2,4,6-Trichlorophenol	10.0		-	<11	<10.0	<10.0	<10.2
2,4-Dichlorophenol	10.0		-	<11	<10.0	<10.0	<10.2
2,4-Dimethylphenol	10.0		-	<11	14.6	<10.0 JL	<10.2
2,4-Dinitrophenol	50.0		-	<56	<50.0 J	<50.0	<51.0
2,4-Dinitrotoluene	10.0		-	<11	<10.0	<10.0	<10.2
2,6-Dinitrotoluene	10.0		-	<11	<10.0	<10.0	<10.2
2-Chloronaphthalene	10.0		-	<11	<10.0	<10.0	<10.2
2-Chlorophenol	10.0		-	<11	<10.0	<10.0	<10.2
2-Methylnaphthalene	10.0		-	<11	2.28 JQ	18.1	<10.2
2-Methylphenol	10.0		-	<11	<10.0	<10.0	<10.2
2-Nitroaniline	50.0		-	<56 J	<50.0	<50.0	<51.0
2-Nitrophenol	10.0		-	<11	<10.0	<10.0	<10.2
3,3'-Dichlorobenzidine	20.0		-	<22	<20.0	<20.0	<20.4
3-Nitroaniline	50.0		-	<56	<50.0	<50.0	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		-	<56	<50.0	<50.0	<51.0
4-Bromophenyl phenyl ether	10.0		-	<11	<10.0	<10.0	<10.2
4-Chloro-3-methylphenol	10.0		-	<11	<10.0	<10.0	<10.2
4-Chloroaniline	20.0		-	<22	<20.0	<20.0	<20.4 J
4-Chlorophenyl phenyl ether	10.0		-	<11	<10.0	<10.0	<10.2
4-Methylphenol	10.0		-	<11	7.19 J	<10.0	<10.2
4-Nitroaniline	50.0		-	<56 J	<50.0 J	<50.0	<51.0
4-Nitrophenol	50.0		-	<56	<50.0 J	<50.0	<51.0
Acenaphthene	10.0		-	<11	<10.0	<10.0	<10.2
Acenaphthylene	10.0		-	<11	<10.0	<10.0	<10.2
Anthracene	10.0		-	<11	<10.0	<10.0	<10.2
Benz(a)anthracene	10.0		-	<11	<10.0	<10.0	<10.2
Benzo(a)pyrene	10.0		-	<11	<10.0	<10.0	<10.2
Benzo(b)fluoranthene	10.0		-	<11	<10.0	<10.0	<10.2
Benzo(g,h,i)perylene	10.0		-	<11	<10.0	<10.0	<10.2
Benzo(k)fluoranthene	10.0		-	<11	<10.0	<10.0	<10.2
Benzoic acid	50.0		-	<56	<50.0	<50.0	<51.0
Benzyl alcohol	20.0		-	<22	<20.0	<20.0 R	<20.4
Butyl benzyl phthalate	10.0		-	<11	<10.0	<10.0	<10.2
Chrysene	10.0		-	<11	<10.0	<10.0	<10.2
Di-n-butylphthalate	10.0		-	1.1 JQ	<10.0	<10.0	<10.2
Di-n-octylphthalate	10.0		-	<11	<10.0	<10.0	<10.2
Dibenz(a,h)anthracene	10.0		-	<11	<10.0	<10.0	<10.2
Dibenzofuran	10.0		-	<11	<10.0	<10.0	<10.2
Diethylphthalate	10.0		-	<11	<10.0	<10.0	<10.2
Dimethylphthalate	10.0		-	<11	<10.0	<10.0	<10.2
Fluoranthene	10.0		-	<11	<10.0	<10.0	<10.2
Fluorene	10.0		-	<11	<10.0	<10.0	<10.2
Hexachlorobenzene	10.0		-	<11	<10.0	<10.0	<10.2
Hexachlorobutadiene	10.0		-	<11	<10.0	<10.0	<10.2
Hexachlorocyclopentadiene	10.0		-	<11 J	<10.0 J	<10.0 R	<10.2 R
Hexachloroethane	10.0		-	<11	<10.0	<10.0	<10.2
Indeno(1,2,3-cd)pyrene	10.0		-	<11	<10.0	<10.0	<10.2
Isophorone	10.0		-	<11	<10.0	<10.0	<10.2
Naphthalene	10.0		-	9.2 JQ	15.4	135	7.25 JB
Nitrobenzene	10.0		-	<11	<10.0	<10.0	<10.2
Pentachlorophenol	30.0		-	<34	<30.0	<30.0	<30.6
Phenanthrene	10.0		-	<11	<10.0	<10.0	<10.2
Phenol	10.0		-	<11	14.4	<10.0	<10.2
Pyrene	10.0		-	<11	<10.0	<10.0	<10.2
bis(2-Chloroethoxy)methane	10.0		-	<11	<10.0	<10.0	<10.2
bis(2-Chloroethyl)ether	10.0		-	<11	<10.0	<10.0	<10.2
bis(2-Chloroisopropyl)ether	10.0		-	<11	<10.0	<10.0 JL	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-5 17-OCT-95	MW-5 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		-	<11	<10.0	<10.0	<10.2
n-Nitrosodinpropylamine	10.0		-	<11	<10.0	<10.0	<10.2
n-Nitrosodiphenylamine	10.0		-	<11	<10.0	<10.0	<10.2
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		-	86	69	72.0	73.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		-	71	58	68.0	84.0
sur-2-Fluorophenol R% (21 - 100)	-		-	69	67	50.0	68.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		-	68	70	70.0	67.1
sur-Phenol-d6 R% (10 - 94)	-		-	73	71	60.0	67.3
sur-Terphenyl-d14 R% (38 - 141)	-		-	80	72	82.0	66.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		-	<500	707	799	<500
Antimony	250		-	<250	<250	<250	<250
Barium	20.0		-	88	90.0	93.0	95.0
Beryllium	3.00		-	<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		-	<10	<10.0	<10.0	<10.0
Calcium	100		-	140000	135000	152000	162000
Chromium	50.0		-	<50	<50.0	<50.0	<50.0
Cobalt	50.0		-	<50	<50.0	<50.0	<50.0
Copper	50.0		-	<50	<50.0	<50.0	<50.0
Iron	50.0		-	140	927	744	605
Magnesium	250		-	18000	17700	19200	21400
Manganese	10.0		-	62	103	96.0	68.0
Molybdenum	50.0		-	<50	<50.0	<50.0	<50.0
Nickel	50.0		-	<50	<50.0	<50.0	<50.0
Potassium	600		-	1200	1540	1580	1500
Silver	50.0		-	<50	<50.0	<50.0	<50.0
Sodium	250		-	72000	70400	74700	101000
Vanadium	50.0		-	<50	<50.0	<50.0	<50.0
Zinc	10.0		-	<10	<10.0	<10.0	12.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		-	<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		-	<5.0	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		-	<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		-	<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		-	<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-	-
2-Hexanone	5.00		-	-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-	-
Acetone	5.00		-	-	-	-	-
Benzene	0.500		-	-	-	-	-
Bromodichloromethane	0.500		-	-	-	-	-
Bromoform	1.00		-	-	-	-	-
Bromomethane	2.00		-	-	-	-	-
Carbon disulfide	1.00		-	-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-	-
Chlorobenzene	0.500		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	-
Chloroform	0.500		-	-	-	-	-
Chloromethane	2.00		-	-	-	-	-
Dibromochloromethane	0.500		-	-	-	-	-
Ethylbenzene	0.500		-	-	-	-	-
Methylene chloride	2.00		-	-	-	-	-
Styrene	0.500		-	-	-	-	-
Tetrachloroethene	0.500		-	-	-	-	-
Toluene	0.500		-	-	-	-	-
Trichloroethene	0.500		-	-	-	-	-
Vinyl acetate	5.00		-	-	-	-	-
Vinyl chloride	2.00		-	-	-	-	-
Xylenes (total)	1.00		-	-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	-	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	-	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	-	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	-	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	-	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	-	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		0.38 JQ	-	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	-	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	-	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	-	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	-	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Chloroform	0.500		0.39 JB	-	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	-	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.0 JB	-	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	-	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	-	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	-	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	-	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	-	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	-	97	98.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	-	91	101.0	93.0
sur-Toluene-d8 R% (88 - 110)	-		100	-	97	102.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		-	<11	<10.6	<10.2	<10.3
1,2-Dichlorobenzene	10.0		-	<11	<10.6	<10.2	<10.3
1,3-Dichlorobenzene	10.0		-	<11	<10.6	<10.2	<10.3
1,4-Dichlorobenzene	10.0		-	<11	<10.6	<10.2	<10.3
2,4,5-Trichlorophenol	20.0		-	<22	<21.3	<20.4	<20.6
2,4,6-Trichlorophenol	10.0		-	<11	<10.6	<10.2	<10.3
2,4-Dichlorophenol	10.0		-	<11	<10.6	<10.2	<10.3
2,4-Dimethylphenol	10.0		-	<11	<10.6	<10.2 JL	<10.3
2,4-Dinitrophenol	50.0		-	<56	<53.2 J	<51.0	<51.6
2,4-Dinitrotoluene	10.0		-	<11	<10.6	<10.2	<10.3
2,6-Dinitrotoluene	10.0		-	<11	<10.6	<10.2	<10.3
2-Chloronaphthalene	10.0		-	<11	<10.6	<10.2	<10.3
2-Chlorophenol	10.0		-	<11	<10.6	<10.2	<10.3
2-Methylnaphthalene	10.0		-	<11	<10.6	<10.2	<10.3
2-Methylphenol	10.0		-	<11	<10.6	<10.2	<10.3
2-Nitroaniline	50.0		-	<56	<53.2	<51.0	<51.6
2-Nitrophenol	10.0		-	<11	<10.6	<10.2	<10.3
3,3'-Dichlorobenzidine	20.0		-	<22	<21.3	<20.4	<20.6 J
3-Nitroaniline	50.0		-	<56	<53.2 J	<51.0	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		-	<56	<53.2	<51.0	<51.6
4-Bromophenyl phenyl ether	10.0		-	<11	<10.6	<10.2	<10.3
4-Chloro-3-methylphenol	10.0		-	<11	<10.6	<10.2	<10.3
4-Chloroaniline	20.0		-	<22	<21.3	<20.4	<20.6 J
4-Chlorophenyl phenyl ether	10.0		-	<11	<10.6	<10.2	<10.3
4-Methylphenol	10.0		-	<11	<10.6	<10.2	<10.3
4-Nitroaniline	50.0		-	<56	<53.2 J	<51.0	<51.6
4-Nitrophenol	50.0		-	<56	<53.2	<51.0	<51.6
Acenaphthene	10.0		-	<11	<10.6	<10.2	<10.3
Acenaphthylene	10.0		-	<11	<10.6	<10.2	<10.3
Anthracene	10.0		-	<11	<10.6	<10.2	<10.3
Benz(a)anthracene	10.0		-	<11	<10.6	<10.2	<10.3
Benzo(a)pyrene	10.0		-	<11	<10.6	<10.2	<10.3
Benzo(b)fluoranthene	10.0		-	<11	<10.6	<10.2	<10.3
Benzo(g,h,i)perylene	10.0		-	<11	<10.6	<10.2	<10.3
Benzo(k)fluoranthene	10.0		-	<11	<10.6	<10.2	<10.3
Benzoic acid	50.0		-	<56 J	<53.2	<51.0	<51.6
Benzyl alcohol	20.0		-	<22	<21.3	<20.4 R	<20.6
Butyl benzyl phthalate	10.0		-	<11	2.09 JQ	<10.2	2.29 JQ
Chrysene	10.0		-	<11	<10.6	<10.2	<10.3
Di-n-butylphthalate	10.0		-	1.3 JQ	<10.6	<10.2	<10.3
Di-n-octylphthalate	10.0		-	<11	<10.6	<10.2	<10.3
Dibenz(a,h)anthracene	10.0		-	<11	<10.6	<10.2	<10.3
Dibenzofuran	10.0		-	<11	<10.6	<10.2	<10.3
Diethylphthalate	10.0		-	<11	<10.6	<10.2	<10.3
Dimethylphthalate	10.0		-	<11	<10.6	<10.2	<10.3
Fluoranthene	10.0		-	<11	<10.6	<10.2	<10.3
Fluorene	10.0		-	<11	<10.6	<10.2	<10.3
Hexachlorobenzene	10.0		-	<11	<10.6	<10.2	<10.3
Hexachlorobutadiene	10.0		-	<11	<10.6	<10.2	<10.3
Hexachlorocyclopentadiene	10.0		-	<11 J	<10.6	<10.2 R	<10.3 R
Hexachloroethane	10.0		-	<11	<10.6	<10.2	<10.3
Indeno(1,2,3-cd)pyrene	10.0		-	<11	<10.6	<10.2	<10.3
Isophorone	10.0		-	<11	<10.6	<10.2	<10.3
Naphthalene	10.0		-	2.5 JQ	<10.6	<10.2	<10.3
Nitrobenzene	10.0		-	<11	<10.6	<10.2	<10.3
Pentachlorophenol	30.0		-	<33	<31.9	<30.6	<30.9
Phenanthrene	10.0		-	<11	<10.6	<10.2	<10.3
Phenol	10.0		-	<11	<10.6	<10.2	<10.3
Pyrene	10.0		-	<11	<10.6	<10.2	<10.3
bis(2-Chloroethoxy)methane	10.0		-	<11	<10.6	<10.2	<10.3
bis(2-Chloroethyl)ether	10.0		-	<11	<10.6	<10.2	<10.3
bis(2-Chloroisopropyl)ether	10.0		-	<11	<10.6	<10.2 JL	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-7 08-APR-95	MW-7 13-APR-95	MW-7 15-JUL-95	MW-7 17-OCT-95	MW-7 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		-	<11	4.95 JQ	<10.2	<10.3
n-Nitrosodinpropylamine	10.0		-	<11	<10.6	<10.2	<10.3
n-Nitrosodiphenylamine	10.0		-	<11	<10.6	<10.2	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		-	73	60	75.8	71.6
sur-2-Fluorobiphenyl R% (43 - 116)	-		-	74	71	82.1	79.0
sur-2-Fluorophenol R% (21 - 100)	-		-	70	63	73.2	67.7
sur-Nitrobenzene-d5 R% (35 - 114)	-		-	68	74	61.0	68.1
sur-Phenol-d6 R% (10 - 94)	-		-	66	62	57.0	62.8
sur-Terphenyl-d14 R% (38 - 141)	-		-	78	90	115.7	79.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		2100	<500	1000	1640
Antimony	250		<250	<250	<250	<250
Barium	20.0		180	137	158	146
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		130000	115000	138000	128000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		2700	693	1130	4060
Magnesium	250		8600	7760	8260	7960
Manganese	10.0		1900	1760	996	1310
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		820	<600	736	1290
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		43000	39400	38800	37500
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		14	<10.0	15.0	18.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		5.3	6.00	<5.00	17.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		0.41 JQ	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	94	93.0	90.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	91	93.0	92.0
sur-Toluene-d8 R% (88 - 110)	-		100	98	96.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.8	<10.6	<10.4
1,2-Dichlorobenzene	10.0		<11	<10.8	<10.6	<10.4
1,3-Dichlorobenzene	10.0		<11	<10.8	<10.6	<10.4
1,4-Dichlorobenzene	10.0		<11	<10.8	<10.6	<10.4
2,4,5-Trichlorophenol	20.0		<21	<21.5	<21.3	<20.8
2,4,6-Trichlorophenol	10.0		<11	<10.8	<10.6	<10.4
2,4-Dichlorophenol	10.0		<11	<10.8	<10.6 R	<10.4
2,4-Dimethylphenol	10.0		<11	<10.8	<10.6	<10.4
2,4-Dinitrophenol	50.0		<53	<53.8 J	<53.2 R	<52.1
2,4-Dinitrotoluene	10.0		<11	<10.8	<10.6	<10.4
2,6-Dinitrotoluene	10.0		<11	<10.8	<10.6	<10.4
2-Chloronaphthalene	10.0		<11	<10.8	<10.6	<10.4
2-Chlorophenol	10.0		<11	<10.8	<10.6	<10.4
2-Methylnaphthalene	10.0		<11	<10.8	<10.6	<10.4
2-Methylphenol	10.0		<11	<10.8	<10.6	<10.4
2-Nitroaniline	50.0		<53 J	<53.8	<53.2	<52.1
2-Nitrophenol	10.0		<11	<10.8	<10.6	<10.4
3,3'-Dichlorobenzidine	20.0		<21	<21.5	<21.3 J	<20.8 J
3-Nitroaniline	50.0		<53 J	<53.8	<53.2	<52.1

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<53.8	<53.2 R	<52.1
4-Bromophenyl phenyl ether	10.0		<11	<10.8	<10.6	<10.4
4-Chloro-3-methylphenol	10.0		<11	<10.8	<10.6	<10.4
4-Chloroaniline	20.0		<21	<21.5	<21.3	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.8	<10.6	<10.4
4-Methylphenol	10.0		<11	<10.8	<10.6	<10.4
4-Nitroaniline	50.0		<53	<53.8 J	<53.2	<52.1
4-Nitrophenol	50.0		<53 J	<53.8 J	<53.2 R	<52.1 J
Acenaphthene	10.0		<11	<10.8	<10.6	<10.4
Acenaphthylene	10.0		<11	<10.8	<10.6	<10.4
Anthracene	10.0		<11	<10.8	<10.6	<10.4
Benz(a)anthracene	10.0		<11	<10.8	<10.6	<10.4
Benzo(a)pyrene	10.0		<11 J	<10.8	<10.6	<10.4
Benzo(b)fluoranthene	10.0		<11 J	<10.8	<10.6	<10.4
Benzo(g,h,i)perylene	10.0		<11 J	<10.8	<10.6	<10.4
Benzo(k)fluoranthene	10.0		<11 J	<10.8	<10.6	<10.4
Benzoic acid	50.0		<53	<53.8	<53.2 J	<52.1
Benzyl alcohol	20.0		<21	<21.5	<21.3	<20.8
Butyl benzyl phthalate	10.0		<11	7.40 JQ	7.06 JQ	4.36 JQ
Chrysene	10.0		<11	<10.8	<10.6	<10.4
Di-n-butylphthalate	10.0		<11	<10.8	<10.6	<10.4
Di-n-octylphthalate	10.0		<11 J	<10.8	<10.6	<10.4
Dibenz(a,h)anthracene	10.0		<11 J	<10.8	<10.6	<10.4
Dibenzofuran	10.0		<11	<10.8	<10.6	<10.4
Diethylphthalate	10.0		<11	<10.8	<10.6	<10.4
Dimethylphthalate	10.0		<11	<10.8	<10.6	<10.4
Fluoranthene	10.0		<11	<10.8	<10.6	<10.4
Fluorene	10.0		<11	<10.8	<10.6	<10.4
Hexachlorobenzene	10.0		<11	<10.8	<10.6	<10.4
Hexachlorobutadiene	10.0		<11	<10.8	<10.6	<10.4
Hexachlorocyclopentadiene	10.0		<11 J	<10.8 J	<10.6 R	<10.4 R
Hexachloroethane	10.0		<11	<10.8	<10.6 JL	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<11 J	<10.8	<10.6	<10.4
Isophorone	10.0		<11	<10.8	<10.6	<10.4
Naphthalene	10.0		<11	<10.8	<10.6	<10.4
Nitrobenzene	10.0		<11	<10.8	<10.6	<10.4
Pentachlorophenol	30.0		<32	<32.2	<31.9 R	<31.3
Phenanthrene	10.0		<11	<10.8	<10.6	<10.4
Phenol	10.0		<11	2.78 JQ	<10.6 R	<10.4
Pyrene	10.0		<11	<10.8	<10.6	<10.4
bis(2-Chloroethoxy)methane	10.0		<11	<10.8	<10.6	<10.4
bis(2-Chloroethyl)ether	10.0		<11	<10.8	<10.6	<10.4
bis(2-Chloroisopropyl)ether	10.0		<11	<10.8	<10.6	<10.4

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-8 07-APR-95	MW-8 15-JUL-95	MW-8 19-OCT-95	MW-8 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	4.16 JQ	<10.6	<10.4
n-Nitrosodinpropylamine	10.0		<11	<10.8	<10.6	<10.4
n-Nitrosodiphenylamine	10.0		<11	<10.8	<10.6	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		83	66	68.1	67.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		68	65	69.2	85.1
sur-2-Fluorophenol R% (21 - 100)	-		70	63	56.9	74.4
sur-Nitrobenzene-d5 R% (35 - 114)	-		62	69	69.2	68.1
sur-Phenol-d6 R% (10 - 94)	-		51	66	59.8	64.1
sur-Terphenyl-d14 R% (38 - 141)	-		77	72	83.3	76.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data. do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		990	<500	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		160	134	129	138
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		190000	168000	166000	170000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		4400	2320	3000	4260
Magnesium	250		13000	9600	12400	12600
Manganese	10.0		3700	2040	3570	3530
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		640	964	<600	<600
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		90000	53500	80300	82400
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.8 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		99	95	103.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	91	100.0	97.0
sur-Toluene-d8 R% (88 - 110)	-		102	97	102.0	104.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.8	<10.8	<11.1
1,2-Dichlorobenzene	10.0		<11	<10.8	<10.8	<11.1
1,3-Dichlorobenzene	10.0		<11	<10.8	<10.8	<11.1
1,4-Dichlorobenzene	10.0		<11	<10.8	<10.8	<11.1
2,4,5-Trichlorophenol	20.0		<22	<21.5	<21.5	<22.2
2,4,6-Trichlorophenol	10.0		<11	<10.8	<10.8	<11.1
2,4-Dichlorophenol	10.0		<11	<10.8	<10.8 R	<11.1
2,4-Dimethylphenol	10.0		<11	<10.8	<10.8	<11.1
2,4-Dinitrophenol	50.0		<54	<53.8 J	<53.8 R	<55.6
2,4-Dinitrotoluene	10.0		<11	<10.8	<10.8	<11.1
2,6-Dinitrotoluene	10.0		<11	<10.8	<10.8	<11.1
2-Chloronaphthalene	10.0		<11	<10.8	<10.8	<11.1
2-Chlorophenol	10.0		<11	<10.8	<10.8	<11.1
2-Methylnaphthalene	10.0		<11	<10.8	<10.8	<11.1
2-Methylphenol	10.0		<11	<10.8	<10.8	<11.1
2-Nitroaniline	50.0		<54 J	<53.8	<53.8	<55.6
2-Nitrophenol	10.0		<11	<10.8	<10.8	<11.1
3,3'-Dichlorobenzidine	20.0		<22	<21.5	<21.5 J	<22.2 J
3-Nitroaniline	50.0		<54 J	<53.8	<53.8	<55.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<53.8	<53.8 R	<55.6
4-Bromophenyl phenyl ether	10.0		<11	<10.8	<10.8	<11.1
4-Chloro-3-methylphenol	10.0		<11	<10.8	<10.8	<11.1
4-Chloroaniline	20.0		<22	<21.5	<21.5	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.8	<10.8	<11.1
4-Methylphenol	10.0		<11	<10.8	<10.8	<11.1
4-Nitroaniline	50.0		<54	<53.8 J	<53.8	<55.6
4-Nitrophenol	50.0		<54 J	<53.8 J	<53.8 R	<55.6
Acenaphthene	10.0		<11	<10.8	<10.8	<11.1
Acenaphthylene	10.0		<11	<10.8	<10.8	<11.1
Anthracene	10.0		<11	<10.8	<10.8	<11.1
Benz(a)anthracene	10.0		<11	<10.8	<10.8	<11.1
Benzo(a)pyrene	10.0		<11	<10.8	<10.8	<11.1
Benzo(b)fluoranthene	10.0		<11	<10.8	<10.8	<11.1
Benzo(g,h,i)perylene	10.0		<11	<10.8	<10.8	<11.1
Benzo(k)fluoranthene	10.0		<11	<10.8	<10.8	<11.1
Benzoic acid	50.0		<54	<53.8	<53.8 J	<55.6
Benzyl alcohol	20.0		<22	<21.5	<21.5	<22.2
Butyl benzyl phthalate	10.0		<11	4.87 JQ	1.52 JQ	<11.1
Chrysene	10.0		<11	<10.8	<10.8	<11.1
Di-n-butylphthalate	10.0		<11	<10.8	<10.8	<11.1
Di-n-octylphthalate	10.0		<11	<10.8	<10.8	<11.1
Dibenz(a,h)anthracene	10.0		<11	<10.8	<10.8	<11.1
Dibenzofuran	10.0		<11	<10.8	<10.8	<11.1
Diethylphthalate	10.0		<11	<10.8	<10.8	<11.1
Dimethylphthalate	10.0		<11	<10.8	<10.8	<11.1
Fluoranthene	10.0		<11	<10.8	<10.8	<11.1
Fluorene	10.0		<11	<10.8	0.607 JQ	<11.1
Hexachlorobenzene	10.0		<11	<10.8	<10.8	<11.1
Hexachlorobutadiene	10.0		<11	<10.8	<10.8	<11.1
Hexachlorocyclopentadiene	10.0		<11 J	<10.8 J	<10.8 R	<11.1 R
Hexachloroethane	10.0		<11	<10.8	<10.8 JL	<11.1
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.8	<10.8	<11.1
Isophorone	10.0		<11	<10.8	<10.8	<11.1
Naphthalene	10.0		<11	<10.8	<10.8	<11.1
Nitrobenzene	10.0		<11	<10.8	<10.8	<11.1
Pentachlorophenol	30.0		<32	<32.2	<32.2 R	<33.3
Phenanthrene	10.0		<11	<10.8	<10.8	<11.1
Phenol	10.0		<11	<10.8	<10.8 R	<11.1
Pyrene	10.0		<11	<10.8	<10.8	<11.1
bis(2-Chloroethoxy)methane	10.0		<11	<10.8	<10.8	<11.1
bis(2-Chloroethyl)ether	10.0		<11	<10.8	<10.8	<11.1
bis(2-Chloroisopropyl)ether	10.0		<11	<10.8	<10.8	<11.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	MW-9 07-APR-95	MW-9 15-JUL-95	MW-9 19-OCT-95	MW-9 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.8	<10.8	<11.1
n-Nitrosodinpropylamine	10.0		<11	<10.8	<10.8	<11.1
n-Nitrosodiphenylamine	10.0		<11	<10.8	<10.8	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		84	59	61.1	82.6
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	59	70.6	80.1
sur-2-Fluorophenol R% (21 - 100)	-		81	59	61.1	73.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		63	66	66.7	70.1
sur-Phenol-d6 R% (10 - 94)	-		64	63	62.1	70.1
sur-Terphenyl-d14 R% (38 - 141)	-		75	65	73.7	78.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	500		<500	1310	539
Antimony	250		<250	<250	<250
Barium	20.0		222	257	234
Beryllium	3.00		<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	10.0	<10.0
Calcium	100		197000	200000	199000
Chromium	50.0		<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0
Iron	50.0		5380	5170	2940
Magnesium	250		14700	14800	14400
Manganese	10.0		7070	8430	6550
Molybdenum	50.0		<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0
Potassium	600		<600	<600	<600
Silver	50.0		<50.0	<50.0	<50.0
Sodium	250		61600	62200	61200
Vanadium	50.0		<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	5.00		18.1	13.7	17.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	5.00		9.97	12.6	11.1
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)					
Mercury	0.500		<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)					
Selenium	5.00		<5.00	<5.00 JL	<5.00 JL
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)					
Thallium	2.00		<2.00	<2.00 JL	<2.00 JL
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)					
4,4'-DDD	0.100		-	-	-
4,4'-DDE	0.0400		-	-	-
4,4'-DDT	0.100		-	-	-
AR1016	1.00		-	-	-
AR1221	1.00		-	-	-
AR1232	1.00		-	-	-
AR1242	1.00		-	-	-

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.					
AR1248	1.00		-	-	-
AR1254	1.00		-	-	-
AR1260	1.00		-	-	-
Aldrin	0.0400		-	-	-
Chlordane	0.500		-	-	-
Dieldrin	0.0200		-	-	-
Endosulfan I	0.0500		-	-	-
Endosulfan II	0.0400		-	-	-
Endosulfan sulfate	0.100		-	-	-
Endrin	0.0600		-	-	-
Endrin aldehyde	0.100		-	-	-
Heptachlor	0.0300		-	-	-
Heptachlor epoxide	0.0500		-	-	-
Methoxychlor	0.500		-	-	-
Toxaphene	2.00		-	-	-
alpha-BHC	0.0300		-	-	-
beta-BHC	0.0500		-	-	-
delta-BHC	0.0500		-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-
% Surrogate Recovery (Control Limit)					
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		<500	<500	<500
1,1,2,2-Tetrachloroethane	0.500		<500	<500	<500
1,1,2-Trichloroethane	1.00		<500	<500	<500
1,1-Dichloroethane	0.500		<500	<500	<500
1,1-Dichloroethene	0.500		<500	<500	<500
1,2-Dichloroethane	1.00		<500	<500	<500
1,2-Dichloropropane	0.500		<500	<500	<500
2-Butanone (MEK)	5.00		<1000	<1000	<1000
2-Chloroethyl vinyl ether	5.00		<1000 J	<1000	<1000
2-Hexanone	5.00		<1000	<1000	<1000
4-Methyl-2-pentanone	5.00		<1000	<1000	<1000
Acetone	5.00		<1000	<1000 J	<1000
Benzene	0.500		5340	5060	5650 JH
Bromodichloromethane	0.500		<500	<500	<500
Bromoform	1.00		<500	<500	<500
Bromomethane	2.00		<1000	<1000	<1000
Carbon disulfide	1.00		<500	<500	<500
Carbon tetrachloride	0.500		<500	<500	<500
Chlorobenzene	0.500		<500	<500	<500

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.					
Chloroethane	2.00		<1000	<1000	<1000
Chloroform	0.500		<500	<500	<500
Chloromethane	2.00		<1000	<1000	<1000
Dibromochloromethane	0.500		<500	<500	<500
Ethylbenzene	0.500		3830	4170	3670
Methylene chloride	2.00		348 JQ	<500	<500 JL
Styrene	0.500		106 JQ	<500	<500
Tetrachloroethene	0.500		<500	<500	<500
Toluene	0.500		13200	13400 JH	7920
Trichloroethene	0.500		<500	<500	<500
Vinyl acetate	5.00		<1000	<1000	<1000
Vinyl chloride	2.00		<1000	<1000	<1000
Xylenes (total)	1.00		11100	11500	10300
cis-1,2-Dichloroethene	0.500		<500	<500	<500
cis-1,3-Dichloropropene	0.500		<500	<500	<500
trans-1,2-Dichloroethene	0.500		<500	<500	<500
trans-1,3-Dichloropropene	0.500		<500	<500	<500
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		103	99.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		99	95.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		101	98.0	103.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-
1,1,2-Trichloroethane	1.00		-	-	-
1,1-Dichloroethane	0.500		-	-	-
1,1-Dichloroethene	0.500		-	-	-
1,2-Dichloroethane	1.00		-	-	-
1,2-Dichloropropane	0.500		-	-	-
2-Butanone	5.00		-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-
2-Hexanone	5.00		-	-	-
4-Methyl-2-pentanone	5.00		-	-	-
Acetone	5.00		-	-	-
Benzene	0.500		-	-	-
Bromodichloromethane	0.500		-	-	-
Bromoform	1.00		-	-	-
Bromomethane	2.00		-	-	-
Carbon disulfide	1.00		-	-	-
Carbon tetrachloride	0.500		-	-	-
Chlorobenzene	0.500		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.					
Chloroethane	2.00		-	-	-
Chloroform	0.500		-	-	-
Chloromethane	2.00		-	-	-
Dibromochloromethane	0.500		-	-	-
Ethylbenzene	0.500		-	-	-
Methylene chloride	2.00		-	-	-
Styrene	0.500		-	-	-
Tetrachloroethene	0.500		-	-	-
Toluene	0.500		-	-	-
Trichloroethene	0.500		-	-	-
Vinyl acetate	5.00		-	-	-
Vinyl chloride	2.00		-	-	-
Xylenes (total)	1.00		-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
1,2,4-Trichlorobenzene	10.0		<52.6	<11.0 JL	<102
1,2-Dichlorobenzene	10.0		<52.6	<11.0	<102
1,3-Dichlorobenzene	10.0		<52.6	<11.0	<102
1,4-Dichlorobenzene	10.0		<52.6	<11.0	<102
2,4,5-Trichlorophenol	20.0		<105	<22.0	<204
2,4,6-Trichlorophenol	10.0		<52.6	<11.0	<102
2,4-Dichlorophenol	10.0		<52.6	<11.0 R	<102
2,4-Dimethylphenol	10.0		<52.6	<11.0	<102
2,4-Dinitrophenol	50.0		<263 J	<55.0 R	<510
2,4-Dinitrotoluene	10.0		<52.6	<11.0 JL	<102
2,6-Dinitrotoluene	10.0		<52.6	<11.0	<102
2-Chloronaphthalene	10.0		<52.6	<11.0	<102
2-Chlorophenol	10.0		<52.6	<11.0 JL	<102
2-Methylnaphthalene	10.0		92.9	113	59.5 JQ
2-Methylphenol	10.0		<52.6	8.80 JQ	<102
2-Nitroaniline	50.0		<263	<55.0	<510
2-Nitrophenol	10.0		<52.6	<11.0	<102
3,3'-Dichlorobenzidine	20.0		<105	<22.0 J	<204
3-Nitroaniline	50.0		<263	<55.0	<510

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
4,6-Dinitro-2-methylphenol	50.0		<263	<55.0 R	<510
4-Bromophenyl phenyl ether	10.0		<52.6	<11.0	<102
4-Chloro-3-methylphenol	10.0		<52.6	<11.0 JL	<102
4-Chloroaniline	20.0		<105	<22.0	<204 J
4-Chlorophenyl phenyl ether	10.0		<52.6	<11.0	<102
4-Methylphenol	10.0		15.2 JQ	12.9	<102
4-Nitroaniline	50.0		<263 J	<55.0	<510
4-Nitrophenol	50.0		<263 J	<55.0 R	<510
Acenaphthene	10.0		<52.6	<11.0 JL	<102
Acenaphthylene	10.0		<52.6	<11.0	<102
Anthracene	10.0		<52.6	<11.0	<102
Benz(a)anthracene	10.0		<52.6	<11.0 JL	<102
Benzo(a)pyrene	10.0		<52.6	<11.0 JL	<102 J
Benzo(b)fluoranthene	10.0		<52.6	<11.0	<102
Benzo(g,h,i)perylene	10.0		<52.6	<11.0	<102
Benzo(k)fluoranthene	10.0		<52.6	<11.0	<102
Benzoic acid	50.0		<263 J	119 J	<510
Benzyl alcohol	20.0		<105	<22.0	<204
Butyl benzyl phthalate	10.0		31.5 JQ	4.12 JL	29.4 JQ
Chrysene	10.0		<52.6	<11.0	<102
Di-n-butylphthalate	10.0		<52.6	<11.0	<102
Di-n-octylphthalate	10.0		<52.6	<11.0	<102
Dibenz(a,h)anthracene	10.0		<52.6	<11.0	<102
Dibenzofuran	10.0		<52.6	<11.0	<102
Diethylphthalate	10.0		<52.6	<11.0	<102
Dimethylphthalate	10.0		<52.6	<11.0	<102
Fluoranthene	10.0		<52.6	<11.0	<102
Fluorene	10.0		<52.6	<11.0	<102
Hexachlorobenzene	10.0		<52.6	<11.0	<102
Hexachlorobutadiene	10.0		<52.6	<11.0	<102
Hexachlorocyclopentadiene	10.0		<52.6 J	<11.0 R	<102 R
Hexachloroethane	10.0		<52.6	<11.0 JL	<102
Indeno(1,2,3-cd)pyrene	10.0		<52.6	<11.0	<102
Isophorone	10.0		<52.6	<11.0	<102
Naphthalene	10.0		551	179 J	598
Nitrobenzene	10.0		<52.6	<11.0	<102
Pentachlorophenol	30.0		<158	<33.0 R	<306
Phenanthrene	10.0		<52.6	<11.0	<102
Phenol	10.0		<52.6	<11.0 R	<102
Pyrene	10.0		<52.6	<11.0 JL	<102
bis(2-Chloroethoxy)methane	10.0		<52.6	<11.0	<102
bis(2-Chloroethyl)ether	10.0		<52.6	<11.0	<102
bis(2-Chloroisopropyl)ether	10.0		<52.6	<11.0	<102

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-10 15-JUL-95	MW-10 19-OCT-95	MW-10 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	10.0		<52.6	3.92 JQ	<102
n-Nitrosodinpropylamine	10.0		<52.6	<11.0	<102
n-Nitrosodiphenylamine	10.0		<52.6	<11.0	<102
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol R% (10 - 123)	-		73	66.7	6.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		84	63.9	88.0
sur-2-Fluorophenol R% (21 - 100)	-		47	73.9	33.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		63	74.9	0
sur-Phenol-d6 R% (10 - 94)	-		68	33.9	31.0
sur-Terphenyl-d14 R% (38 - 141)	-		92	78.9	67.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		2100	3190	613	932
Antimony	250		<250	<250	<250	<250
Barium	20.0		120	169	118	129
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		160000	153000	128000	129000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		3000	4770	3640	4960
Magnesium	250		11000	11000	8750	8330
Manganese	10.0		220	633	284	276
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		1800	1230	909	1240
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		56000	55700	57600	59200
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		62	16.0	14.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		92	94	95.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		91	92	97.0	95.0
sur-Toluene-d8 R% (88 - 110)	-		100	98	98.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.0	<10.2	<10.4
1,2-Dichlorobenzene	10.0		<10	<10.0	<10.2	<10.4
1,3-Dichlorobenzene	10.0		<10	<10.0	<10.2	<10.4
1,4-Dichlorobenzene	10.0		<10	<10.0	<10.2	<10.4
2,4,5-Trichlorophenol	20.0		<21	<20.0	<20.4	<20.8
2,4,6-Trichlorophenol	10.0		<10	<10.0	<10.2	<10.4
2,4-Dichlorophenol	10.0		<10	<10.0	<10.2	<10.4
2,4-Dimethylphenol	10.0		<10	<10.0	<10.2	<10.4
2,4-Dinitrophenol	50.0		<52	<50.0 J	<51.0 J	<52.1
2,4-Dinitrotoluene	10.0		<10	<10.0	<10.2	<10.4
2,6-Dinitrotoluene	10.0		<10	<10.0	<10.2	<10.4
2-Chloronaphthalene	10.0		<10	<10.0	<10.2	<10.4
2-Chlorophenol	10.0		<10	<10.0	<10.2	<10.4
2-Methylnaphthalene	10.0		<10	<10.0	<10.2	<10.4
2-Methylphenol	10.0		<10	<10.0	<10.2	<10.4
2-Nitroaniline	50.0		<52 J	<50.0	<51.0	<52.1
2-Nitrophenol	10.0		<10	<10.0	<10.2	<10.4
3,3'-Dichlorobenzidine	20.0		<21	<20.0	<20.4 J	<20.8 J
3-Nitroaniline	50.0		<52 J	<50.0	<51.0	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<52	<50.0	<51.0	<52.1
4-Bromophenyl phenyl ether	10.0		<10	<10.0	<10.2	<10.4
4-Chloro-3-methylphenol	10.0		<10	<10.0	<10.2	<10.4
4-Chloroaniline	20.0		<21	<20.0	<20.4	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.0	<10.2	<10.4
4-Methylphenol	10.0		<10	<10.0	<10.2	<10.4
4-Nitroaniline	50.0		<52	<50.0 J	<51.0	<52.1
4-Nitrophenol	50.0		<52 J	<50.0 J	<51.0	<52.1 J
Acenaphthene	10.0		<10	<10.0	<10.2	<10.4
Acenaphthylene	10.0		<10	<10.0	<10.2	<10.4
Anthracene	10.0		<10	<10.0	<10.2	<10.4
Benz(a)anthracene	10.0		<10	<10.0	<10.2	<10.4
Benzo(a)pyrene	10.0		<10	<10.0	<10.2	<10.4
Benzo(b)fluoranthene	10.0		<10	<10.0	<10.2	<10.4
Benzo(g,h,i)perylene	10.0		<10	<10.0	<10.2	<10.4
Benzo(k)fluoranthene	10.0		<10	<10.0	<10.2	<10.4
Benzoic acid	50.0		<52	<50.0	<51.0	<52.1
Benzyl alcohol	20.0		<21	<20.0	<20.4	<20.8
Butyl benzyl phthalate	10.0		<10	<10.0	<10.2	1.33 JQ
Chrysene	10.0		<10	<10.0	<10.2	<10.4
Di-n-butylphthalate	10.0		0.77 JB	2.50 JQ	<10.2	<10.4
Di-n-octylphthalate	10.0		<10	<10.0	<10.2	<10.4
Dibenz(a,h)anthracene	10.0		<10	<10.0	<10.2	<10.4
Dibenzofuran	10.0		<10	<10.0	<10.2	<10.4
Diethylphthalate	10.0		<10	<10.0	<10.2	<10.4
Dimethylphthalate	10.0		<10	<10.0	<10.2	<10.4
Fluoranthene	10.0		<10	<10.0	<10.2	<10.4
Fluorene	10.0		<10	<10.0	<10.2	<10.4
Hexachlorobenzene	10.0		<10	<10.0	<10.2	<10.4
Hexachlorobutadiene	10.0		<10	<10.0	<10.2	<10.4
Hexachlorocyclopentadiene	10.0		<10	<10.0	<10.2	<10.4
Hexachloroethane	10.0		<10 J	<10.0 J	<10.2 R	<10.4 R
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.0	<10.2	<10.4
Isophorone	10.0		<10	<10.0	<10.2	<10.4
Naphthalene	10.0		<10	<10.0	<10.2	<10.4
Nitrobenzene	10.0		<10	<10.0	<10.2	<10.4
Pentachlorophenol	30.0		<31	<30.0	<30.6	<31.3
Phenanthrene	10.0		<10	<10.0	<10.2	<10.4
Phenol	10.0		<10	<10.0	<10.2	<10.4
Pyrene	10.0		<10	<10.0	<10.2	<10.4
bis(2-Chloroethoxy)methane	10.0		<10	<10.0	<10.2	<10.4
bis(2-Chloroethyl)ether	10.0		<10	<10.0	<10.2	<10.4
bis(2-Chloroisopropyl)ether	10.0		<10	<10.0	<10.2	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	MW-11 07-APR-95	MW-11 15-JUL-95	MW-11 18-OCT-95	MW-11 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.0	<10.2	<10.4
n-Nitrosodinpropylamine	10.0		<10	<10.0	<10.2	<10.4
n-Nitrosodiphenylamine	10.0		<10	<10.0	<10.2	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		77	68	82.4	64.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	68	94.0	80.1
sur-2-Fluorophenol R% (21 - 100)	-		54	64	75.8	75.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		62	73	84.0	64.1
sur-Phenol-d6 R% (10 - 94)	-		70	69	71.9	65.4
sur-Terphenyl-d14 R% (38 - 141)	-		74	72	83.0	62.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		69	58.0	111	88.0
Beryllium	3.00		<3.0	<3.00	850	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		230000	27500	161000	157000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		290	164	1560	807
Magnesium	250		9200	7790	11100	12300
Manganese	10.0		140	152	873	347
Molybdenum	50.0		<50	<50.0	69200	<50.0
Nickel	50.0		230	<50.0	<50.0	<50.0
Potassium	600		<600	<600	800	858
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		58000	44100	<250	78000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	<10.0	32.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		5.4	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	2.19	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		90	95	94.0	90.0
sur-Bromofluorobenzene R% (86 - 115)	-		91	94	92.0	93.0
sur-Toluene-d8 R% (88 - 110)	-		99	98	99.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.6	<10.3	<10.2
1,2-Dichlorobenzene	10.0		<10	<10.6	<10.3	<10.2
1,3-Dichlorobenzene	10.0		<10	<10.6	<10.3	<10.2
1,4-Dichlorobenzene	10.0		<10	<10.6	<10.3	<10.2
2,4,5-Trichlorophenol	20.0		<21	<21.3	<20.6	<20.4
2,4,6-Trichlorophenol	10.0		<10	<10.6	<10.3	<10.2
2,4-Dichlorophenol	10.0		<10	<10.6	<10.3	<10.2
2,4-Dimethylphenol	10.0		<10	<10.6	<10.3	<10.2
2,4-Dinitrophenol	50.0		<52	<53.2 J	<51.6 J	<51.0
2,4-Dinitrotoluene	10.0		<10	<10.6	<10.3	<10.2
2,6-Dinitrotoluene	10.0		<10	<10.6	<10.3	<10.2
2-Chloronaphthalene	10.0		<10	<10.6	<10.3	<10.2
2-Chlorophenol	10.0		<10	<10.6	<10.3	<10.2
2-Methylnaphthalene	10.0		<10	<10.6	<10.3	<10.2
2-Methylphenol	10.0		<10	<10.6	<10.3	<10.2
2-Nitroaniline	50.0		<52 J	<53.2	<51.6	<51.0
2-Nitrophenol	10.0		<10	<10.6	<10.3	<10.2
3,3'-Dichlorobenzidine	20.0		<21	<21.3	<20.6	<20.4
3-Nitroaniline	50.0		<52 J	<53.2	<51.6	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<52	<53.2	<51.6	<51.0
4-Bromophenyl phenyl ether	10.0		<10	<10.6	<10.3	<10.2
4-Chloro-3-methylphenol	10.0		<10	<10.6	<10.3	<10.2
4-Chloroaniline	20.0		<21	<21.3	<20.6	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.6	<10.3	<10.2
4-Methylphenol	10.0		<10	<10.6	<10.3	<10.2
4-Nitroaniline	50.0		<52	<53.2 J	<51.6	<51.0
4-Nitrophenol	50.0		<52 J	<53.2 J	<51.6	<51.0 J
Acenaphthene	10.0		<10	<10.6	<10.3	<10.2
Acenaphthylene	10.0		<10	<10.6	<10.3	<10.2
Anthracene	10.0		<10	<10.6	<10.3	<10.2
Benz(a)anthracene	10.0		<10	<10.6	<10.3	<10.2
Benzo(a)pyrene	10.0		<10	<10.6	<10.3	<10.2
Benzo(b)fluoranthene	10.0		<10	<10.6	<10.3	<10.2
Benzo(g,h,i)perylene	10.0		<10	<10.6	<10.3	<10.2
Benzo(k)fluoranthene	10.0		<10	<10.6	<10.3	<10.2
Benzoic acid	50.0		<52	<53.2 J	<51.6	<51.0
Benzyl alcohol	20.0		<21	<21.3	<20.6	<20.4
Butyl benzyl phthalate	10.0		<10	<10.6	<10.3	1.43 JQ
Chrysene	10.0		<10	<10.6	<10.3	<10.2
Di-n-butylphthalate	10.0		<10	<10.6	<10.3	<10.2
Di-n-octylphthalate	10.0		<10	<10.6	<10.3	<10.2
Dibenz(a,h)anthracene	10.0		<10	<10.6	<10.3	<10.2
Dibenzofuran	10.0		<10	<10.6	<10.3	<10.2
Diethylphthalate	10.0		<10	<10.6	<10.3	<10.2
Dimethylphthalate	10.0		<10	<10.6	<10.3	<10.2
Fluoranthene	10.0		<10	<10.6	<10.3	<10.2
Fluorene	10.0		<10	<10.6	<10.3	<10.2
Hexachlorobenzene	10.0		<10	<10.6	<10.3	<10.2
Hexachlorobutadiene	10.0		<10	<10.6	<10.3	<10.2
Hexachlorocyclopentadiene	10.0		<10 J	<10.6 J	<10.3 R	<10.2 R
Hexachloroethane	10.0		<10	<10.6	<10.3	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.6	<10.3	<10.2
Isophorone	10.0		<10	<10.6	<10.3	<10.2
Naphthalene	10.0		<10	<10.6	<10.3	<10.2
Nitrobenzene	10.0		<10	<10.6	<10.3	<10.2
Pentachlorophenol	30.0		<31	<31.9	<30.9	<30.6
Phenanthrene	10.0		<10	<10.6	<10.3	<10.2
Phenol	10.0		<10	<10.6	<10.3	<10.2
Pyrene	10.0		<10	<10.6	<10.3	<10.2
bis(2-Chloroethoxy)methane	10.0		<10	<10.6	<10.3	<10.2
bis(2-Chloroethyl)ether	10.0		<10	<10.6	<10.3	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10	<10.6	<10.3 JL	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	MW-12 07-APR-95	MW-12 15-JUL-95	MW-12 19-OCT-95	MW-12 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.6	4.19 JQ	<10.2
n-Nitrosodinpropylamine	10.0		<10	<10.6	<10.3	<10.2
n-Nitrosodiphenylamine	10.0		<10	<10.6	<10.3	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		86	56	52.9	62.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		70	66	62.0	87.1
sur-2-Fluorophenol R% (21 - 100)	-		69	58	63.9	69.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		65	66	68.1	66.0
sur-Phenol-d6 R% (10 - 94)	-		45	64	58.8	63.0
sur-Terphenyl-d14 R% (38 - 141)	-		72	75	82.0	79.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1000	1100	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		110	97	96.0	96.0
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		180000	180000	150000	149000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		2200	2100	54.0	51.0
Magnesium	250		9100	9000	8360	8320
Manganese	10.0		180	180	121	121
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		160 J	<50 J	<50.0	<50.0
Potassium	600		5100	5100	3630	3610
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		31000	31000	27300	27200
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		<10 J	74 J	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<100	<100	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<100	<100	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<100	<100	<50.0	<50.0
1,1-Dichloroethane	0.500		<100	<100	<50.0	<50.0
1,1-Dichloroethene	0.500		<100	<100	<50.0	<50.0
1,2-Dichloroethane	1.00		<100	<100	<50.0	<50.0
1,2-Dichloropropane	0.500		<100	<100	<50.0	<50.0
2-Butanone (MEK)	5.00		<200	<200	<100	<100
2-Chloroethyl vinyl ether	5.00		<200	<200	<100	<100
2-Hexanone	5.00		<200	<200	<100	<100
4-Methyl-2-pentanone	5.00		<200	<200	<100	<100
Acetone	5.00		<200	<200	<100	<100
Benzene	0.500		<100	<100	<50.0	<50.0
Bromodichloromethane	0.500		<100	<100	<50.0	<50.0
Bromoform	1.00		<100	<100	<50.0	<50.0
Bromomethane	2.00		<200	<200	<100	<100
Carbon disulfide	1.00		<100	<100	<50.0	<50.0
Carbon tetrachloride	0.500		<100	<100	<50.0	<50.0
Chlorobenzene	0.500		<100	<100	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<200	<200	<100	<100
Chloroform	0.500		<100	<100	<50.0	<50.0
Chloromethane	2.00		<200	<200	<100	<100
Dibromochloromethane	0.500		<100	<100	<50.0	<50.0
Ethylbenzene	0.500		<100	<100	<50.0	<50.0
Methylene chloride	2.00		150	160	40.4 J	58.2 J
Styrene	0.500		<100	<100	<50.0	<50.0
Tetrachloroethene	0.500		<100	<100	<50.0	<50.0
Toluene	0.500		<100	<100	<50.0	<50.0
Trichloroethene	0.500		1300	1200	998	948
Vinyl acetate	5.00		<200	<200	<100	<100
Vinyl chloride	2.00		<200	<200	<100	<100
Xylenes (total)	1.00		<100	<100	<50.0	<50.0
cis-1,2-Dichloroethene	0.500		520	510	339	326
cis-1,3-Dichloropropene	0.500		<100	<100	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		25 JQ	24 JQ	24.9 JQ	20.8 JQ
trans-1,3-Dichloropropene	0.500		<100	<100	<50.0	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		102	106	114	113
sur-Bromofluorobenzene R% (86 - 115)	-		103	100	101	101
sur-Toluene-d8 R% (88 - 110)	-		104	104	97	96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10	<10.0	<10.0
1,2-Dichlorobenzene	10.0		<10	<10	<10.0	<10.0
1,3-Dichlorobenzene	10.0		<10	<10	<10.0	<10.0
1,4-Dichlorobenzene	10.0		<10	<10	<10.0	<10.0
2,4,5-Trichlorophenol	20.0		<20	<21	<20.0	<20.0
2,4,6-Trichlorophenol	10.0		<10	<10	<10.0	<10.0
2,4-Dichlorophenol	10.0		<10	<10	<10.0	<10.0
2,4-Dimethylphenol	10.0		<10	<10	<10.0	<10.0
2,4-Dinitrophenol	50.0		<51	<52	<50.0 J	<50.0 J
2,4-Dinitrotoluene	10.0		<10	<10	<10.0	<10.0
2,6-Dinitrotoluene	10.0		<10	<10	<10.0	<10.0
2-Chloronaphthalene	10.0		<10	<10	<10.0	<10.0
2-Chlorophenol	10.0		<10	<10	<10.0	<10.0
2-Methylnaphthalene	10.0		<10	<10	<10.0	<10.0
2-Methylphenol	10.0		<10	<10	<10.0	<10.0
2-Nitroaniline	50.0		<51 J	<52 J	<50.0	<50.0
2-Nitrophenol	10.0		<10	<10	<10.0	<10.0
3,3'-Dichlorobenzidine	20.0		<20	<21	<20.0	<20.0
3-Nitroaniline	50.0		<51 J	<52 J	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<51	<52	<50.0	<50.0
4-Bromophenyl phenyl ether	10.0		<10	<10	<10.0	<10.0
4-Chloro-3-methylphenol	10.0		<10	<10	<10.0	<10.0
4-Chloroaniline	20.0		<20	<21	<20.0	<20.0
4-Chlorophenyl phenyl ether	10.0		<10	<10	<10.0	<10.0
4-Methylphenol	10.0		<10	<10	<10.0	<10.0
4-Nitroaniline	50.0		<51	<52	<50.0 J	<50.0 J
4-Nitrophenol	50.0		<51 J	<52 J	<50.0 J	<50.0 J
Acenaphthene	10.0		<10	<10	<10.0	<10.0
Acenaphthylene	10.0		<10	<10	<10.0	<10.0
Anthracene	10.0		<10	<10	<10.0	<10.0
Benz(a)anthracene	10.0		<10	<10	<10.0	<10.0
Benzo(a)pyrene	10.0		<10	<10	<10.0	<10.0
Benzo(b)fluoranthene	10.0		<10	<10	<10.0	<10.0
Benzo(g,h,i)perylene	10.0		<10	<10	<10.0	<10.0
Benzo(k)fluoranthene	10.0		<10	<10	<10.0	<10.0
Benzoic acid	50.0		<51	<52	<50.0 J	<50.0
Benzyl alcohol	20.0		<20	<21	<20.0	<20.0
Butyl benzyl phthalate	10.0		<10	<10	31.8	36.1
Chrysene	10.0		<10	<10	<10.0	<10.0
Di-n-butylphthalate	10.0		0.70 JB	<10	0.596 JQ	<10.0
Di-n-octylphthalate	10.0		<10	<10	<10.0	<10.0
Dibenz(a,h)anthracene	10.0		<10	<10	<10.0	<10.0
Dibenzofuran	10.0		<10	<10	<10.0	<10.0
Diethylphthalate	10.0		<10	<10	<10.0	<10.0
Dimethylphthalate	10.0		<10	<10	<10.0	<10.0
Fluoranthene	10.0		<10	<10	<10.0	<10.0
Fluorene	10.0		<10	<10	<10.0	<10.0
Hexachlorobenzene	10.0		<10	<10	<10.0	<10.0
Hexachlorobutadiene	10.0		<10	<10	<10.0	<10.0
Hexachlorocyclopentadiene	10.0		<10	<10	<10.0	<10.0
Hexachloroethane	10.0		<10 J	<10 J	<10.0 J	<10.0 J
Indeno(1,2,3-cd)pyrene	10.0		<10	<10	<10.0	<10.0
Isophorone	10.0		<10	<10	<10.0	<10.0
Naphthalene	10.0		<10	<10	<10.0	<10.0
Nitrobenzene	10.0		<10	<10	<10.0	<10.0
Pentachlorophenol	30.0		<31	<31	<30.0	<30.0
Phenanthrene	10.0		<10	<10	<10.0	<10.0
Phenol	10.0		<10	<10	<10.0	<10.0
Pyrene	10.0		<10	<10	<10.0	<10.0
bis(2-Chloroethoxy)methane	10.0		<10	<10	<10.0	<10.0
bis(2-Chloroethyl)ether	10.0		<10	<10	<10.0	<10.0
bis(2-Chloroisopropyl)ether	10.0		<10	<10	<10.0	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI04-01M 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10	<10.0	<10.0
n-Nitrosodinpropylamine	10.0		<10	<10	<10.0	<10.0
n-Nitrosodiphenylamine	10.0		<10	<10	<10.0	<10.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		78	82	50	45
sur-2-Fluorobiphenyl R% (43 - 116)	-		70	69	55	54
sur-2-Fluorophenol R% (21 - 100)	-		50	51	48	47
sur-Nitrobenzene-d5 R% (35 - 114)	-		65	63	63	60
sur-Phenol-d6 R% (10 - 94)	-		72	72	58	56
sur-Terphenyl-d14 R% (38 - 141)	-		76	75	62	75

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		2540	2380	71000 J	<500
Antimony	250		<250	<250	<250 J	<250
Barium	20.0		118	106	2400 J	971
Beryllium	3.00		<3.00	<3.00	30 J	<3.00
Cadmium	10.0		<10.0	<10.0	32 J	<10.0
Calcium	100		208000	204000	2700000 J	155000
Chromium	50.0		<50.0	<50.0	200 J	<50.0
Cobalt	50.0		<50.0	<50.0	120 J	<50.0
Copper	50.0		<50.0	<50.0	<500 J	<50.0
Iron	50.0		5770	5410	190000 J	7220
Magnesium	250		7640	7400	43000 J	7670
Manganese	10.0		1150	869	9800 J	890
Molybdenum	50.0		<50.0	<50.0	<50 J	<50.0
Nickel	50.0		<50.0	<50.0	270 J	<50.0
Potassium	600		3090	2470	17000 J	1310
Silver	50.0		<50.0	<50.0	<50 J	<50.0
Sodium	250		25400	24600	52000 J	67200
Vanadium	50.0		<50.0	<50.0	420 J	<50.0
Zinc	10.0		14.0	14.0	260 J	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.00	<5.00	13 J	24.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	<5.00	<10 J	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.50 J	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<25 J	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.0 J	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50.0	<50.0	-	-
1,1,2,2-Tetrachloroethane	0.500		<50.0	<50.0	-	-
1,1,2-Trichloroethane	1.00		<50.0	<50.0	-	-
1,1-Dichloroethane	0.500		<50.0	<50.0	-	-
1,1-Dichloroethene	0.500		<50.0	<50.0	-	-
1,2-Dichloroethane	1.00		<50.0	<50.0	-	-
1,2-Dichloropropane	0.500		<50.0	<50.0	-	-
2-Butanone (MEK)	5.00		<100	<100	-	-
2-Chloroethyl vinyl ether	5.00		<100	<100	-	-
2-Hexanone	5.00		<100	<100	-	-
4-Methyl-2-pentanone	5.00		<100	<100	-	-
Acetone	5.00		<100	<100	-	-
Benzene	0.500		<50.0	<50.0	-	-
Bromodichloromethane	0.500		<50.0	<50.0	-	-
Bromoform	1.00		<50.0	<50.0	-	-
Bromomethane	2.00		<100	<100	-	-
Carbon disulfide	1.00		<50.0	<50.0	-	-
Carbon tetrachloride	0.500		<50.0	<50.0	-	-
Chlorobenzene	0.500		<50.0	<50.0	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	-	-
Chloroform	0.500		<50.0	<50.0	-	-
Chloromethane	2.00		<100	<100	-	-
Dibromochloromethane	0.500		<50.0	<50.0	-	-
Ethylbenzene	0.500		<50.0	<50.0	-	-
Methylene chloride	2.00		<50.0	<50.0	-	-
Styrene	0.500		<50.0	<50.0	-	-
Tetrachloroethene	0.500		<50.0	<50.0	-	-
Toluene	0.500		<50.0	<50.0	-	-
Trichloroethene	0.500		<50.0	<50.0	-	-
Vinyl acetate	5.00		1270	1280	-	-
Vinyl chloride	2.00		<100	<100	-	-
Xylenes (total)	1.00		<100	<100	-	-
cis-1,2-Dichloroethene	0.500		<50.0	17.2 JQ	-	-
cis-1,3-Dichloropropene	0.500		337	330	-	-
trans-1,2-Dichloroethene	0.500		<50.0	<50.0	-	-
trans-1,3-Dichloropropene	0.500		<50.0	<50.0	-	-
			<50.0	<50.0	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		102.0	96.0	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		99.0	98.0	-	-
sur-Toluene-d8 R% (88 - 110)	-		100.0	101.0	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	<0.50	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	-	<0.50	<0.500
1,1,2-Trichloroethane	1.00		-	-	<1.0	<1.00
1,1-Dichloroethane	0.500		-	-	<0.50	<0.500
1,1-Dichloroethene	0.500		-	-	<0.50	<0.500
1,2-Dichloroethane	1.00		-	-	<1.0	<1.00
1,2-Dichloropropane	0.500		-	-	<0.50	<0.500
2-Butanone	5.00		-	-	<5.0	<5.00
2-Chloroethyl vinyl ether	5.00		-	-	<5.0	<5.00 R
2-Hexanone	5.00		-	-	<5.0	<5.00
4-Methyl-2-pentanone	5.00		-	-	<5.0	<5.00
Acetone	5.00		-	-	<5.0	<5.00
Benzene	0.500		-	-	<5.0	<5.00
Bromodichloromethane	0.500		-	-	0.75	1.89
Bromoform	1.00		-	-	<0.50	<0.500
Bromomethane	2.00		-	-	<1.0	<1.00
Carbon disulfide	1.00		-	-	<2.0	<2.00
Carbon tetrachloride	0.500		-	-	<1.0	<1.00
Chlorobenzene	0.500		-	-	<0.50	<0.500
					<0.50	<0.500

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	<2.0	<2.00
Chloroform	0.500		-	-	<0.50	<0.500
Chloromethane	2.00		-	-	<2.0	<2.00
Dibromochloromethane	0.500		-	-	<0.50	<0.500
Ethylbenzene	0.500		-	-	<0.50	2.61
Methylene chloride	2.00		-	-	2.0 JB	<2.00
Styrene	0.500		-	-	<0.50	<0.500
Tetrachloroethene	0.500		-	-	<0.50	<0.500
Toluene	0.500		-	-	2.7	5.61
Trichloroethene	0.500		-	-	11	14.2
Vinyl acetate	5.00		-	-	<5.0	<5.00
Vinyl chloride	2.00		-	-	<2.0	<2.00
Xylenes (total)	1.00		-	-	<1.0	7.13
cis-1,2-Dichloroethene	0.500		-	-	40	21.7
cis-1,3-Dichloropropene	0.500		-	-	<0.50	<0.500
trans-1,2-Dichloroethene	0.500		-	-	<0.50	<0.500
trans-1,3-Dichloropropene	0.500		-	-	<0.50	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	103	97
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	95	90
sur-Toluene-d8 R% (88 - 110)	-		-	-	107	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.1	<11.5	<11	<10.3
1,2-Dichlorobenzene	10.0		<10.1	<11.5	<11	<10.3
1,3-Dichlorobenzene	10.0		<10.1	<11.5	<11	<10.3
1,4-Dichlorobenzene	10.0		<10.1	<11.5	<11	<10.3
2,4,5-Trichlorophenol	20.0		<20.2	<23.0	<21	<20.6
2,4,6-Trichlorophenol	10.0		<10.1	<11.5	<11	<10.3
2,4-Dichlorophenol	10.0		<10.1	<11.5	<11	<10.3
2,4-Dimethylphenol	10.0		<10.1	<11.5	<11	<10.3
2,4-Dinitrophenol	50.0		<50.5	<57.4	<53	<51.6 J
2,4-Dinitrotoluene	10.0		<10.1	<11.5	<11	<10.3
2,6-Dinitrotoluene	10.0		<10.1	<11.5	<11	<10.3
2-Chloronaphthalene	10.0		<10.1	<11.5	<11	<10.3
2-Chlorophenol	10.0		<10.1	<11.5	<11	<10.3
2-Methylnaphthalene	10.0		<10.1	<11.5	<11	<10.3
2-Methylphenol	10.0		<10.1	<11.5	<11	<10.3
2-Nitroaniline	50.0		<50.5	<57.4	<53	<51.6
2-Nitrophenol	10.0		<10.1	<11.5	<11	<10.3
3,3'-Dichlorobenzidine	20.0		<20.2 J	<23.0	<21	<20.6 J
3-Nitroaniline	50.0		<50.5	<57.4	<53	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50.5	<57.4	<53	<51.6
4-Bromophenyl phenyl ether	10.0		<10.1	<11.5	<11	<10.3
4-Chloro-3-methylphenol	10.0		<10.1	<11.5	<11	<10.3
4-Chloroaniline	20.0		<20.2 J	<23.0 J	<21	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.1	<11.5	<11	<10.3
4-Methylphenol	10.0		<10.1	<11.5	<11	<10.3
4-Nitroaniline	50.0		<50.5	<57.4	<53 J	<51.6 J
4-Nitrophenol	50.0		<50.5	<57.4	<53 J	<51.6
Acenaphthene	10.0		<10.1	<11.5	<11	<10.3
Acenaphthylene	10.0		<10.1	<11.5	<11	<10.3
Anthracene	10.0		<10.1	<11.5	<11	<10.3
Benz(a)anthracene	10.0		<10.1	<11.5	<11	<10.3
Benzo(a)pyrene	10.0		<10.1	<11.5	<11	<10.3
Benzo(b)fluoranthene	10.0		<10.1	<11.5	<11	<10.3
Benzo(g,h,i)perylene	10.0		<10.1	<11.5	<11	<10.3
Benzo(k)fluoranthene	10.0		<10.1	<11.5	<11	<10.3
Benzoic acid	50.0		<50.5	<57.4	<53 R	<51.6
Benzyl alcohol	20.0		<20.2	<23.0	<21	<20.6
Butyl benzyl phthalate	10.0		7.97 JQ	13.8	<11	10.6
Chrysene	10.0		<10.1	<11.5	<11	<10.3
Di-n-butylphthalate	10.0		<10.1	<11.5	<11	0.734 JQ
Di-n-octylphthalate	10.0		<10.1	<11.5	<11	<10.3
Dibenz(a,h)anthracene	10.0		<10.1	<11.5	<11	<10.3
Dibenzofuran	10.0		<10.1	<11.5	<11	<10.3
Diethylphthalate	10.0		<10.1	<11.5	<11	<10.3
Dimethylphthalate	10.0		<10.1	<11.5	<11	<10.3
Fluoranthene	10.0		<10.1	<11.5	<11	<10.3
Fluorene	10.0		<10.1	<11.5	<11	<10.3
Hexachlorobenzene	10.0		<10.1	<11.5	<11	<10.3
Hexachlorobutadiene	10.0		<10.1	<11.5	<11	<10.3
Hexachlorocyclopentadiene	10.0		<10.1 R	<11.5 R	<11 J	<10.3
Hexachloroethane	10.0		<10.1	<11.5	<11	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.1	<11.5	<11	<10.3
Isophorone	10.0		<10.1	<11.5	<11	<10.3
Naphthalene	10.0		<10.1	<11.5	<11	<10.3
Nitrobenzene	10.0		<10.1	<11.5	<11	0.539 JQ
Pentachlorophenol	30.0		<30.3	<34.5	<32	<30.9
Phenanthrene	10.0		<10.1	<11.5	<11	<10.3
Phenol	10.0		<10.1	<11.5	<11	<10.3
Pyrene	10.0		<10.1	<11.5	<11	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.1	<11.5	<11	<10.3
bis(2-Chloroethyl)ether	10.0		<10.1	<11.5	<11	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.1 JL	<11.5	<11	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI04-01M 21-OCT-95	FDUP-1 21-OCT-95 Duplicate of GMI04-01M	GMI22-01M 12-APR-95	GMI22-01M 16-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10.1	<11.5	<11	11.5
n-Nitrosodinpropylamine	10.0		<10.1	<11.5	<11	<10.3
n-Nitrosodiphenylamine	10.0		<10.1	<11.5	<11	<10.3
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		53.8	86.0	69	71
sur-2-Fluorobiphenyl R% (43 - 116)	-		60.0	87.8	61	70
sur-2-Fluorophenol R% (21 - 100)	-		41.8	69.2	59	65
sur-Nitrobenzene-d5 R% (35 - 114)	-		63.0	98.3	60	78
sur-Phenol-d6 R% (10 - 94)	-		44.9	75.0	67	66
sur-Terphenyl-d14 R% (38 - 141)	-		61.0	85.0	62	85

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	500		1100	<500	29800
Antimony	250		<250	<250	<250
Barium	20.0		94	102	251
Beryllium	3.00		<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0
Calcium	100		110000	116000	253000
Chromium	50.0		<50	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0
Iron	50.0		1800	114	47100
Magnesium	250		4200	5160	11400
Manganese	10.0		93	89.0	1290
Molybdenum	50.0		<50	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0
Potassium	600		1200	1050	6660
Silver	50.0		<50	<50.0	<50.0
Sodium	250		11000	15400	7490
Vanadium	50.0		<50	<50.0	98.0
Zinc	10.0		29	<10.0	82.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	5.00		<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	5.00		<5.0	<5.00	28.2
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)					
Mercury	0.500		<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)					
Selenium	5.00		<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)					
Thallium	2.00		<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)					
4,4'-DDD	0.100		-	-	-
4,4'-DDE	0.0400		-	-	-
4,4'-DDT	0.100		-	-	-
AR1016	1.00		-	-	-
AR1221	1.00		-	-	-
AR1232	1.00		-	-	-
AR1242	1.00		-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.					
AR1248	1.00		-	-	-
AR1254	1.00		-	-	-
AR1260	1.00		-	-	-
Aldrin	0.0400		-	-	-
Chlordane	0.500		-	-	-
Dieldrin	0.0200		-	-	-
Endosulfan I	0.0500		-	-	-
Endosulfan II	0.0400		-	-	-
Endosulfan sulfate	0.100		-	-	-
Endrin	0.0600		-	-	-
Endrin aldehyde	0.100		-	-	-
Heptachlor	0.0300		-	-	-
Heptachlor epoxide	0.0500		-	-	-
Methoxychlor	0.500		-	-	-
Toxaphene	2.00		-	-	-
alpha-BHC	0.0300		-	-	-
beta-BHC	0.0500		-	-	-
delta-BHC	0.0500		-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-
% Surrogate Recovery (Control Limit)					
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-
1,1,2-Trichloroethane	1.00		-	-	-
1,1-Dichloroethane	0.500		-	-	-
1,1-Dichloroethene	0.500		-	-	-
1,2-Dichloroethane	1.00		-	-	-
1,2-Dichloropropane	0.500		-	-	-
2-Butanone (MEK)	5.00		-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-
2-Hexanone	5.00		-	-	-
4-Methyl-2-pentanone	5.00		-	-	-
Acetone	5.00		-	-	-
Benzene	0.500		-	-	-
Bromodichloromethane	0.500		-	-	-
Bromoform	1.00		-	-	-
Bromomethane	2.00		-	-	-
Carbon disulfide	1.00		-	-	-
Carbon tetrachloride	0.500		-	-	-
Chlorobenzene	0.500		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.					
Chloroethane	2.00		-	-	-
Chloroform	0.500		-	-	-
Chloromethane	2.00		-	-	-
Dibromochloromethane	0.500		-	-	-
Ethylbenzene	0.500		-	-	-
Methylene chloride	2.00		-	-	-
Styrene	0.500		-	-	-
Tetrachloroethene	0.500		-	-	-
Toluene	0.500		-	-	-
Trichloroethene	0.500		-	-	-
Vinyl acetate	5.00		-	-	-
Vinyl chloride	2.00		-	-	-
Xylenes (total)	1.00		-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500

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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.					
Chloroethane	2.00		<2.0	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500
Methylene chloride	2.00		1.6 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	94	95.0
sur-Bromofluorobenzene R% (86 - 115)	-		91	92	99.0
sur-Toluene-d8 R% (88 - 110)	-		100	99	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
1,2,4-Trichlorobenzene	10.0		<10	<10.4	<10.5
1,2-Dichlorobenzene	10.0		<10	<10.4	<10.5
1,3-Dichlorobenzene	10.0		<10	<10.4	<10.5
1,4-Dichlorobenzene	10.0		<10	<10.4	<10.5
2,4,5-Trichlorophenol	20.0		<20	<20.8	<21.1
2,4,6-Trichlorophenol	10.0		<10	<10.4	<10.5
2,4-Dichlorophenol	10.0		<10	<10.4	<10.5
2,4-Dimethylphenol	10.0		<10	<10.4	<10.5
2,4-Dinitrophenol	50.0		<50	<52.1 J	<52.6 J
2,4-Dinitrotoluene	10.0		<10	<10.4	<10.5
2,6-Dinitrotoluene	10.0		<10	<10.4	<10.5
2-Chloronaphthalene	10.0		<10	<10.4	<10.5
2-Chlorophenol	10.0		<10	<10.4	<10.5
2-Methylnaphthalene	10.0		<10	<10.4	<10.5
2-Methylphenol	10.0		<10	<10.4	<10.5
2-Nitroaniline	50.0		<50	<52.1	<52.6
2-Nitrophenol	10.0		<10	<10.4	<10.5
3,3'-Dichlorobenzidine	20.0		<20	<20.8 J	<21.1
3-Nitroaniline	50.0		<50	<52.1	<52.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: / Sample Date: / Notes:	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
4,6-Dinitro-2-methylphenol	50.0		<50	<52.1	<52.6
4-Bromophenyl phenyl ether	10.0		<10	<10.4	<10.5
4-Chloro-3-methylphenol	10.0		<10	<10.4	<10.5
4-Chloroaniline	20.0		<20	<20.8	<21.1 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.4	<10.5
4-Methylphenol	10.0		<10	<10.4	<10.5
4-Nitroaniline	50.0		<50 J	<52.1 J	<52.6
4-Nitrophenol	50.0		<50 J	<52.1	<52.6
Acenaphthene	10.0		<10	<10.4	<10.5
Acenaphthylene	10.0		<10	<10.4	<10.5
Anthracene	10.0		<10	<10.4	<10.5
Benz(a)anthracene	10.0		<10	<10.4	<10.5
Benzo(a)pyrene	10.0		<10	<10.4	<10.5
Benzo(b)fluoranthene	10.0		<10	<10.4	<10.5
Benzo(g,h,i)perylene	10.0		<10	<10.4	<10.5
Benzo(k)fluoranthene	10.0		<10	<10.4	<10.5
Benzoic acid	50.0		<50 R	<52.1	<52.6
Benzyl alcohol	20.0		<20	<20.8	<21.1
Butyl benzyl phthalate	10.0		<10	16.2	6.52 JQ
Chrysene	10.0		<10	<10.4	<10.5
Di-n-butylphthalate	10.0		<10	0.899 JQ	<10.5
Di-n-octylphthalate	10.0		<10	<10.4	<10.5
Dibenz(a,h)anthracene	10.0		<10	<10.4	<10.5
Dibenzofuran	10.0		<10	<10.4	<10.5
Diethylphthalate	10.0		<10	<10.4	<10.5
Dimethylphthalate	10.0		<10	<10.4	<10.5
Fluoranthene	10.0		<10	<10.4	<10.5
Fluorene	10.0		<10	<10.4	<10.5
Hexachlorobenzene	10.0		<10	<10.4	<10.5
Hexachlorobutadiene	10.0		<10	<10.4	<10.5
Hexachlorocyclopentadiene	10.0		<10 J	<10.4	<10.5
Hexachloroethane	10.0		<10	<10.4	<10.5
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.4	<10.5
Isophorone	10.0		<10	<10.4	<10.5
Naphthalene	10.0		<10	<10.4	<10.5
Nitrobenzene	10.0		<10	<10.4	<10.5
Pentachlorophenol	30.0		<30	<31.3	<31.6
Phenanthrene	10.0		<10	<10.4	<10.5
Phenol	10.0		<10	3.79 JQ	<10.5
Pyrene	10.0		<10	<10.4	<10.5
bis(2-Chloroethoxy)methane	10.0		<10	<10.4	<10.5
bis(2-Chloroethyl)ether	10.0		<10	<10.4	<10.5
bis(2-Chloroisopropyl)ether	10.0		<10	<10.4	<10.5

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-02M 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	10.0		<10	5.62 JQ	<10.5
n-Nitrosodinpropylamine	10.0		<10	<10.4	<10.5
n-Nitrosodiphenylamine	10.0		<10	<10.4	<10.5
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol R% (10 - 123)	-		68	63	72.2
sur-2-Fluorobiphenyl R% (43 - 116)	-		65	68	69.1
sur-2-Fluorophenol R% (21 - 100)	-		82	58	63.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		67	71	74.2
sur-Phenol-d6 R% (10 - 94)	-		71	59	62.0
sur-Terphenyl-d14 R% (38 - 141)	-		66	78	78.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data, do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		13000	<500	14700	41500
Antimony	250		<250	<250	<250	<250
Barium	20.0		120	113	183	365
Beryllium	3.00		<3.0	<3.00	<3.00	4.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		320000	131000	372000	945000
Chromium	50.0		<50	<50.0	<50.0	83.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		14000	233	20800	71900
Magnesium	250		15000	10500	15100	25200
Manganese	10.0		280	95.0	464	1080
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		7800	2440	8370 JH	13900
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		110000	106000	108000	125000
Vanadium	50.0		<50	<50.0	<50.0	127
Zinc	10.0		27	<10.0	38.0	71.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	5.37	12.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		5.7	<5.00	9.37	33.3
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<1.00	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<1.00	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<2.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<1.00	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<1.00	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<2.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<1.00	<0.500
2-Butanone	5.00		<5.0	<5.00	<10.0	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<10.0 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<10.0	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<10.0	<5.00
Acetone	5.00		<5.0	<5.00	<10.0	<5.00
Benzene	0.500		<0.50	<0.500	<1.00	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<1.00	<0.500
Bromoform	1.00		<1.0	<1.00	<2.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<4.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<2.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<1.00	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<1.00	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<4.00	<2.00
Chloroform	0.500		<0.50	<0.500	<1.00	<0.500
Chloromethane	2.00		<2.0	<2.00	<4.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<1.00	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<1.00	<0.500
Methylene chloride	2.00		2.3 JB	<2.00	<4.00	<2.00
Styrene	0.500		<0.50	<0.500	<1.00	<0.500
Tetrachloroethene	0.500		14	14.3	12.7	11.6
Toluene	0.500		<0.50	<0.500	<1.00	<0.500
Trichloroethene	0.500		18	28.8	22.9	30.0
Vinyl acetate	5.00		<5.0	<5.00	<10.0	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<4.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<2.00	<1.00
cis-1,2-Dichloroethene	0.500		17	27.8	19.5	24.1
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<1.00	<0.500
trans-1,2-Dichloroethene	0.500		24	49.9	28.5	43.2
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<1.00	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	98	96.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	92	100.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		100	99	100.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.2	<10.9	<10.8
1,2-Dichlorobenzene	10.0		<11	<10.2	<10.9	<10.8
1,3-Dichlorobenzene	10.0		<11	<10.2	<10.9	<10.8
1,4-Dichlorobenzene	10.0		<11	<10.2	<10.9	<10.8
2,4,5-Trichlorophenol	20.0		<22	<20.4	<21.7	<21.5
2,4,6-Trichlorophenol	10.0		<11	<10.2	<10.9	<10.8
2,4-Dichlorophenol	10.0		<11	<10.2	<10.9	<10.8
2,4-Dimethylphenol	10.0		<11	<10.2	<10.9 JL	<10.8
2,4-Dinitrophenol	50.0		<54	<51.0 J	<54.4	<53.8
2,4-Dinitrotoluene	10.0		<11	<10.2	<10.9	<10.8
2,6-Dinitrotoluene	10.0		<11	<10.2	<10.9	<10.8
2-Chloronaphthalene	10.0		<11	<10.2	<10.9	<10.8
2-Chlorophenol	10.0		<11	<10.2	<10.9	<10.8
2-Methylnaphthalene	10.0		<11	<10.2	<10.9	<10.8
2-Methylphenol	10.0		<11	<10.2	<10.9	<10.8
2-Nitroaniline	50.0		<54	<51.0	<54.4	<53.8
2-Nitrophenol	10.0		<11	<10.2	<10.9	<10.8
3,3'-Dichlorobenzidine	20.0		<22	<20.4	<21.7	<21.5
3-Nitroaniline	50.0		<54	<51.0	<54.4	<53.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<51.0	<54.4	<53.8
4-Bromophenyl phenyl ether	10.0		<11	<10.2	<10.9	<10.8
4-Chloro-3-methylphenol	10.0		<11	<10.2	<10.9	<10.8
4-Chloroaniline	20.0		<22	<20.4	<21.7 J	<21.5 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.2	<10.9	<10.8
4-Methylphenol	10.0		<11	<10.2	<10.9 JL	<10.8
4-Nitroaniline	50.0		<54	<51.0 J	<54.4	<53.8
4-Nitrophenol	50.0		<54	<51.0 J	<54.4	<53.8 J
Acenaphthene	10.0		<11	<10.2	<10.9	<10.8
Acenaphthylene	10.0		<11	<10.2	<10.9	<10.8
Anthracene	10.0		<11	<10.2	<10.9	<10.8
Benz(a)anthracene	10.0		<11	<10.2	<10.9	<10.8
Benzo(a)pyrene	10.0		<11	<10.2	<10.9	<10.8
Benzo(b)fluoranthene	10.0		<11	<10.2	<10.9	<10.8
Benzo(g,h,i)perylene	10.0		<11	<10.2	<10.9	<10.8
Benzo(k)fluoranthene	10.0		<11	<10.2	<10.9	<10.8
Benzoic acid	50.0		<54 J	<51.0 J	<54.4	<53.8
Benzyl alcohol	20.0		<22	<20.4	<21.7	<21.5
Butyl benzyl phthalate	10.0		<11	33.5	6.42 JQ	<10.8
Chrysene	10.0		<11	<10.2	<10.9	<10.8
Di-n-butylphthalate	10.0		<11	0.561 JQ	<10.9	<10.8
Di-n-octylphthalate	10.0		<11	<10.2	<10.9	<10.8
Dibenz(a,h)anthracene	10.0		<11	<10.2	<10.9	<10.8
Dibenzofuran	10.0		<11	<10.2	<10.9	<10.8
Diethylphthalate	10.0		<11	<10.2	<10.9	<10.8
Dimethylphthalate	10.0		<11	<10.2	<10.9	<10.8
Fluoranthene	10.0		<11	<10.2	<10.9	<10.8
Fluorene	10.0		<11	<10.2	<10.9	<10.8
Hexachlorobenzene	10.0		<11	<10.2	<10.9	<10.8
Hexachlorobutadiene	10.0		<11	<10.2	<10.9	<10.8
Hexachlorocyclopentadiene	10.0		<11 J	<10.2 J	<10.9 R	<10.8 R
Hexachloroethane	10.0		<11	<10.2	<10.9	<10.8
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.2	<10.9	<10.8
Isophorone	10.0		<11	<10.2	<10.9	<10.8
Naphthalene	10.0		<11	<10.2	<10.9	<10.8
Nitrobenzene	10.0		<11	<10.2	<10.9	<10.8
Pentachlorophenol	30.0		<33	<30.6	<32.6 R	<32.2
Phenanthrene	10.0		<11	<10.2	<10.9	<10.8
Phenol	10.0		<11	<10.2	2.47 JQ	<10.8
Pyrene	10.0		<11	<10.2	<10.9	<10.8
bis(2-Chloroethoxy)methane	10.0		<11	<10.2	<10.9	<10.8
bis(2-Chloroethyl)ether	10.0		<11 J	<10.2	<10.9	<10.8
bis(2-Chloroisopropyl)ether	10.0		<11	<10.2	<10.9	<10.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95	GMI22-03M 20-OCT-95	GMI22-03M 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.2	<10.9	<10.8
n-Nitrosodinpropylamine	10.0		<11	<10.2	<10.9	<10.8
n-Nitrosodiphenylamine	10.0		<11	<10.2	<10.9	<10.8
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		64	52	66.9	85.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		53	58	67.8	86.6
sur-2-Fluorophenol R% (21 - 100)	-		47	52	52.0	68.3
sur-Nitrobenzene-d5 R% (35 - 114)	-		46	66	67.8	67.7
sur-Phenol-d6 R% (10 - 94)	-		60	64	62.0	71.4
sur-Terphenyl-d14 R% (38 - 141)	-		65	68	67.8	85.6

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-04M 13-APR-95		GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		15000	J	<500	1830	10700
Antimony	250		<250	J	<250	<250	<250
Barium	20.0		270	J	162	202	265
Beryllium	3.00		<3.0	J	<3.00	<3.00	<3.00
Cadmium	10.0		<10	J	<10.0	<10.0	<10.0
Calcium	100		300000	J	125000	148000	295000
Chromium	50.0		<50	J	<50.0	<50.0	<50.0
Cobalt	50.0		<50	J	<50.0	<50.0	<50.0
Copper	50.0		<50	J	<50.0	<50.0	<50.0
Iron	50.0		37000	J	119	4160	29800
Magnesium	250		12000	J	9370	8970	11400
Manganese	10.0		1200	J	387	550	1520
Molybdenum	50.0		<50	J	<50.0	<50.0	<50.0
Nickel	50.0		<50	J	<50.0	<50.0	<50.0
Potassium	600		4500	J	1670	2540	3860
Silver	50.0		<50	J	<50.0	<50.0	<50.0
Sodium	250		130000	J	136000	125000	134000
Vanadium	50.0		73	J	<50.0	<50.0	57.0
Zinc	10.0		62	J	<10.0	12.0	38.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		<5.0	J	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		12	J	<5.00	<5.00	9.12
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<5.0	J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-		-	-	-
4,4'-DDE	0.0400		-		-	-	-
4,4'-DDT	0.100		-		-	-	-
AR1016	1.00		-		-	-	-
AR1221	1.00		-		-	-	-
AR1232	1.00		-		-	-	-
AR1242	1.00		-		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<25.0	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	0.500		<25.0	<25.0	<25.0	<25.0
1,1,2-Trichloroethane	1.00		<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethane	0.500		<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethene	0.500		<25.0	<25.0	<25.0	<25.0
1,2-Dichloroethane	1.00		<25.0	<25.0	<25.0	<25.0
1,2-Dichloropropane	0.500		<25.0	<25.0	<25.0	<25.0
2-Butanone (MEK)	5.00		<50.0	<50.0	<50.0	<50.0
2-Chloroethyl vinyl ether	5.00		<50.0	<50.0	<50.0	<50.0
2-Hexanone	5.00		<50.0	<50.0	<50.0	<50.0
4-Methyl-2-pentanone	5.00		<50.0	<50.0	<50.0	<50.0
Acetone	5.00		<50.0	<50.0	<50.0 J	<50.0
Benzene	0.500		<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	0.500		<25.0	<25.0	<25.0	<25.0
Bromoform	1.00		<25.0	<25.0	<25.0	<25.0
Bromomethane	2.00		<50.0	<50.0	<50.0	<50.0
Carbon disulfide	1.00		<25.0	<25.0	<25.0	<25.0
Carbon tetrachloride	0.500		<25.0	<25.0	<25.0	<25.0
Chlorobenzene	0.500		<25.0	<25.0	<25.0	<25.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<50.0	<50.0	<50.0	<50.0
Chloroform	0.500		<25.0	<25.0	<25.0	<25.0
Chloromethane	2.00		<50.0	<50.0	<50.0	<50.0
Dibromochloromethane	0.500		<25.0	<25.0	<25.0	<25.0
Ethylbenzene	0.500		<25.0	<25.0	<25.0	<25.0
Methylene chloride	2.00		40 JB	<25.0	<25.0	<25.0 JL
Styrene	0.500		<25.0	<25.0	<25.0	<25.0
Tetrachloroethene	0.500		<25.0	<25.0	<25.0	<25.0
Toluene	0.500		<25.0	<25.0	<25.0	<25.0
Trichloroethene	0.500		760	465	361	463
Vinyl acetate	5.00		<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2.00		<50.0	<50.0	<50.0	<50.0
Xylenes (total)	1.00		<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	0.500		90	66.5	56.1	59.0
cis-1,3-Dichloropropene	0.500		<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	0.500		14	8.90 JQ	8.00 JQ	4.66 JQ
trans-1,3-Dichloropropene	0.500		<25.0	<25.0	<25.0	<25.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		93	107	105.2	93.2
sur-Bromofluorobenzene R% (86 - 115)	-		96	94	96.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		105	102	98.8	105.2
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.4	<10.9	<10.8
1,2-Dichlorobenzene	10.0		<11	<10.4	<10.9	<10.8
1,3-Dichlorobenzene	10.0		<11	<10.4	<10.9	<10.8
1,4-Dichlorobenzene	10.0		<11	<10.4	<10.9	<10.8
2,4,5-Trichlorophenol	20.0		<22	<20.8	<21.7	<21.5
2,4,6-Trichlorophenol	10.0		<11	<10.4	<10.9	<10.8
2,4-Dichlorophenol	10.0		<11	<10.4	<10.9	<10.8
2,4-Dimethylphenol	10.0		<11	<10.4	<10.9 JL	<10.8
2,4-Dinitrophenol	50.0		<56	<52.1 J	<54.4 R	<53.8
2,4-Dinitrotoluene	10.0		<11	<10.4	<10.9	<10.8
2,6-Dinitrotoluene	10.0		<11	<10.4	<10.9	<10.8
2-Chloronaphthalene	10.0		<11	<10.4	<10.9	<10.8
2-Chlorophenol	10.0		<11	<10.4	<10.9	<10.8
2-Methylnaphthalene	10.0		<11	<10.4	<10.9	<10.8
2-Methylphenol	10.0		<11	<10.4	<10.9	<10.8
2-Nitroaniline	50.0		<56	<52.1	<54.4	<53.8
2-Nitrophenol	10.0		<11	<10.4	<10.9	<10.8
3,3'-Dichlorobenzidine	20.0		<22	<20.8 J	<21.7 J	<21.5
3-Nitroaniline	50.0		<56	<52.1	<54.4	<53.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<52.1	<54.4	<53.8
4-Bromophenyl phenyl ether	10.0		<11	<10.4	<10.9	<10.8
4-Chloro-3-methylphenol	10.0		<11	<10.4	<10.9	<10.8
4-Chloroaniline	20.0		<22	<20.8	<21.7	<21.5 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.4	<10.9	<10.8
4-Methylphenol	10.0		<11	<10.4	<10.9	<10.8
4-Nitroaniline	50.0		<56	<52.1 J	<54.4	<53.8
4-Nitrophenol	50.0		<56	<52.1 J	<54.4	<53.8 J
Acenaphthene	10.0		<11	<10.4	<10.9	<10.8
Acenaphthylene	10.0		<11	<10.4	<10.9	<10.8
Anthracene	10.0		<11	<10.4	<10.9	<10.8
Benz(a)anthracene	10.0		<11	<10.4	<10.9	<10.8
Benzo(a)pyrene	10.0		<11	<10.4	<10.9	<10.8
Benzo(b)fluoranthene	10.0		<11	<10.4	<10.9	<10.8
Benzo(g,h,i)perylene	10.0		<11	<10.4	<10.9	<10.8
Benzo(k)fluoranthene	10.0		<11	<10.4	<10.9	<10.8
Benzoic acid	50.0		<56 J	<52.1	<54.4	<53.8
Benzyl alcohol	20.0		<22	<20.8	<21.7	<21.5
Butyl benzyl phthalate	10.0		<11	40.2	19.8	<10.8
Chrysene	10.0		<11	<10.4	<10.9	<10.8
Di-n-butylphthalate	10.0		<11	0.642 JQ	<10.9	<10.8
Di-n-octylphthalate	10.0		<11	<10.4	<10.9	<10.8
Dibenz(a,h)anthracene	10.0		<11	<10.4	<10.9	<10.8
Dibenzofuran	10.0		<11	<10.4	<10.9	<10.8
Diethylphthalate	10.0		<11	<10.4	<10.9	<10.8
Dimethylphthalate	10.0		<11	<10.4	<10.9	<10.8
Fluoranthene	10.0		<11	<10.4	<10.9	<10.8
Fluorene	10.0		<11	<10.4	<10.9	<10.8
Hexachlorobenzene	10.0		<11	<10.4	<10.9	<10.8
Hexachlorobutadiene	10.0		<11	<10.4	<10.9	<10.8
Hexachlorocyclopentadiene	10.0		<11	<10.4	<10.9	<10.8
Hexachloroethane	10.0		<11 J	<10.4 J	<10.9 R	<10.8 R
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.4	<10.9 JL	<10.8
Isophorone	10.0		<11	<10.4	<10.9	<10.8
Naphthalene	10.0		<11	<10.4	<10.9	<10.8
Nitrobenzene	10.0		<11	<10.4	0.536 JQ	<10.8
Pentachlorophenol	30.0		<33	<31.3	<32.6 R	<32.2
Phenanthrene	10.0		<11	<10.4	<10.9	<10.8
Phenol	10.0		<11	<10.4	<10.9	<10.8
Pyrene	10.0		<11	<10.4	<10.9	<10.8
bis(2-Chloroethoxy)methane	10.0		<11	<10.4	<10.9	<10.8
bis(2-Chloroethyl)ether	10.0		<11 J	<10.4	<10.9	<10.8
bis(2-Chloroisopropyl)ether	10.0		<11	<10.4	<10.9	<10.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-04M 20-OCT-95	GMI22-04M 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.4	<10.9	<10.8
n-Nitrosodinpropylamine	10.0		<11	<10.4	<10.9	<10.8
n-Nitrosodiphenylamine	10.0		<11	<10.4	<10.9	<10.8
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		59	53	60.0	78.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		58	59	77.8	80.6
sur-2-Fluorophenol R% (21 - 100)	-		45	54	63.2	67.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		54	60	70.8	62.7
sur-Phenol-d6 R% (10 - 94)	-		34	57	63.8	67.1
sur-Terphenyl-d14 R% (38 - 141)	-		60	69	79.8	84.6

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-05M 17-OCT-95	GMI22-05M 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		3800	1880	618	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		110	123	134	149
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		200000	171000	145000	154000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		5700	2850	2030	1960
Magnesium	250		19000	14600	11600	12100
Manganese	10.0		230	220	455	506
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		6100	5460	4200	3890
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		78000	83600	89800	105000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		31	16.0	17.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		5.6	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-05M 17-OCT-95	GMI22-05M 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-05M 17-OCT-95	GMI22-05M 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-05M 17-OCT-95	GMI22-05M 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.0	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		0.22	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	0.508
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	90	97.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	92	94.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		98	98	100.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.3	<10.4	<10.9
1,2-Dichlorobenzene	10.0		<11	<10.3	<10.4	<10.9
1,3-Dichlorobenzene	10.0		<11	<10.3	<10.4	<10.9
1,4-Dichlorobenzene	10.0		<11	<10.3	<10.4	<10.9
2,4,5-Trichlorophenol	20.0		<22	<20.6	<20.8	<21.7
2,4,6-Trichlorophenol	10.0		<11	<10.3	<10.4	<10.9
2,4-Dichlorophenol	10.0		<11	<10.3	<10.4	<10.9
2,4-Dimethylphenol	10.0		<11	<10.3	<10.4	<10.9
2,4-Dinitrophenol	50.0		<56	<51.6 J	<52.1	<54.4
2,4-Dinitrotoluene	10.0		<11	<10.3	<10.4	<10.9
2,6-Dinitrotoluene	10.0		<11	<10.3	<10.4	<10.9
2-Chloronaphthalene	10.0		<11	<10.3	<10.4	<10.9
2-Chlorophenol	10.0		<11	<10.3	<10.4	<10.9
2-Methylnaphthalene	10.0		<11	<10.3	<10.4	<10.9
2-Methylphenol	10.0		<11	<10.3	<10.4	<10.9
2-Nitroaniline	50.0		<56	<51.6	<52.1	<54.4
2-Nitrophenol	10.0		<11	<10.3	<10.4	<10.9
3,3'-Dichlorobenzidine	20.0		<22	<20.6 J	<20.8	<21.7
3-Nitroaniline	50.0		<56	<51.6	<52.1	<54.4

JL

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GM122-05M 13-APR-95	GM122-05M 14-JUL-95	GM122-05M 17-OCT-95	GM122-05M 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<51.6	<52.1	<54.4
4-Bromophenyl phenyl ether	10.0		<11	<10.3	<10.4	<10.9
4-Chloro-3-methylphenol	10.0		<11	<10.3	<10.4	<10.9
4-Chloroaniline	20.0		<22	<20.6	<20.8	<21.7 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.3	<10.4	<10.9
4-Methylphenol	10.0		<11	<10.3	<10.4	<10.9
4-Nitroaniline	50.0		<56	<51.6 J	<52.1	<54.4
4-Nitrophenol	50.0		<56	<51.6	<52.1	<54.4
Acenaphthene	10.0		<11	<10.3	<10.4	<10.9
Acenaphthylene	10.0		<11	<10.3	<10.4	<10.9
Anthracene	10.0		<11	<10.3	<10.4	<10.9
Benz(a)anthracene	10.0		<11	<10.3	<10.4	<10.9
Benzo(a)pyrene	10.0		<11	<10.3	<10.4	<10.9
Benzo(b)fluoranthene	10.0		<11	<10.3	<10.4	<10.9
Benzo(g,h,i)perylene	10.0		<11	<10.3	<10.4	<10.9
Benzo(k)fluoranthene	10.0		<11	<10.3	<10.4	<10.9
Benzoic acid	50.0		<56 J	<51.6	<52.1	<54.4
Benzyl alcohol	20.0		<22	<20.6	<20.8 R	<21.7
Butyl benzyl phthalate	10.0		<11	1.34 JQ	<10.4	<10.9
Chrysene	10.0		<11	<10.3	<10.4	<10.9
Di-n-butylphthalate	10.0		0.68 JQ	<10.3	<10.4	<10.9
Di-n-octylphthalate	10.0		<11	<10.3	<10.4	<10.9
Dibenz(a,h)anthracene	10.0		<11	<10.3	<10.4	<10.9
Dibenzofuran	10.0		<11	<10.3	<10.4	<10.9
Diethylphthalate	10.0		<11	<10.3	<10.4	<10.9
Dimethylphthalate	10.0		<11	<10.3	<10.4	<10.9
Fluoranthene	10.0		<11	<10.3	<10.4	<10.9
Fluorene	10.0		<11	<10.3	<10.4	<10.9
Hexachlorobenzene	10.0		<11	<10.3	<10.4	<10.9
Hexachlorobutadiene	10.0		<11	<10.3	<10.4	<10.9
Hexachlorocyclopentadiene	10.0		<11 J	<10.3 J	<10.4 R	<10.9 R
Hexachloroethane	10.0		<11	<10.3	<10.4	<10.9
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.3	<10.4	<10.9
Isophorone	10.0		<11	<10.3	<10.4	<10.9
Naphthalene	10.0		<11	<10.3	<10.4	<10.9
Nitrobenzene	10.0		<11	<10.3	<10.4	<10.9
Pentachlorophenol	30.0		<34	<30.9	<31.3	<32.6
Phenanthrene	10.0		<11	<10.3	<10.4	<10.9
Phenol	10.0		<11	<10.3	<10.4	<10.9
Pyrene	10.0		<11	<10.3	<10.4	<10.9
bis(2-Chloroethoxy)methane	10.0		<11	<10.3	<10.4	<10.9
bis(2-Chloroethyl)ether	10.0		<11	<10.3	<10.4	<10.9
bis(2-Chloroisopropyl)ether	10.0		<11	<10.3	<10.4 JL	<10.9

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-05M 17-OCT-95	GMI22-05M 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.3	<10.4	<10.9
n-Nitrosodinpropylamine	10.0		<11	<10.3	<10.4	<10.9
n-Nitrosodiphenylamine	10.0		<11	<10.3	<10.4	<10.9
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		43	65	62.1	68.7
sur-2-Fluorobiphenyl R% (43 - 116)	-		46	73	68.1	74.8
sur-2-Fluorophenol R% (21 - 100)	-		41	69	42.1	61.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		43	77	79.1	62.8
sur-Phenol-d6 R% (10 - 94)	-		34	72	45.1	61.0
sur-Terphenyl-d14 R% (38 - 141)	-		43	79	97.1	67.8

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		6600 J	28500	8590	31300
Antimony	250		<250 J	<250	<250	<250
Barium	20.0		100 J	341	165	388
Beryllium	3.00		<3.0 J	3.00	<3.00	3.00
Cadmium	10.0		<10 J	<10.0	<10.0	<10.0
Calcium	100		160000 J	484000	217000	485000
Chromium	50.0		<50 J	<50.0	<50.0	<50.0
Cobalt	50.0		<50 J	<50.0	<50.0	<50.0
Copper	50.0		<50 J	<50.0	<50.0	<50.0
Iron	50.0		12000 J	72300	20800	82800
Magnesium	250		16000 J	22000	16300	21700
Manganese	10.0		480 J	2290	861	2870
Molybdenum	50.0		<50 J	<50.0	<50.0	<50.0
Nickel	50.0		<50 J	53.0	<50.0	<50.0
Potassium	600		3100 J	8050	5410 JH	7540
Silver	50.0		<50 J	<50.0	<50.0	<50.0
Sodium	250		170000 J	164000	173000	159000
Vanadium	50.0		<50 J	131	<50.0	152
Zinc	10.0		18 J	82.0	37.0	79.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0 J	5.04	5.00	6.75
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0 J	19.4	5.56	25.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50 J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0 J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0 J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: / Sample Date: / Notes:	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<25.0	<10.0	-	-
1,1,2,2-Tetrachloroethane	0.500		<25.0	<10.0	-	-
1,1,2-Trichloroethane	1.00		<25.0	<10.0	-	-
1,1-Dichloroethane	0.500		<25.0	<10.0	-	-
1,1-Dichloroethene	0.500		<25.0	<10.0	-	-
1,2-Dichloroethane	1.00		<25.0	<10.0	-	-
1,2-Dichloropropane	0.500		<25.0	<10.0	-	-
2-Butanone (MEK)	5.00		<50.0	<20.0	-	-
2-Chloroethyl vinyl ether	5.00		<50.0	<20.0 J	-	-
2-Hexanone	5.00		<50.0	<20.0	-	-
4-Methyl-2-pentanone	5.00		<50.0	<20.0	-	-
Acetone	5.00		<50.0	<20.0	-	-
Benzene	0.500		<25.0	0.924 JQ	-	-
Bromodichloromethane	0.500		<25.0	<10.0	-	-
Bromoform	1.00		<25.0	<10.0	-	-
Bromomethane	2.00		<50.0	<20.0	-	-
Carbon disulfide	1.00		<25.0	<10.0	-	-
Carbon tetrachloride	0.500		<25.0	<10.0	-	-
Chlorobenzene	0.500		<25.0	<10.0	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<50.0	<20.0	-	-
Chloroform	0.500		<25.0	<10.0	-	-
Chloromethane	2.00		<50.0	<20.0	-	-
Dibromochloromethane	0.500		<25.0	<10.0	-	-
Ethylbenzene	0.500		<25.0	<10.0	-	-
Methylene chloride	2.00		100 JB	10.8 JB	-	-
Styrene	0.500		<25.0	<10.0	-	-
Tetrachloroethene	0.500		<25.0	<10.0	-	-
Toluene	0.500		<25.0	2.58 JQ	-	-
Trichloroethene	0.500		580	219	-	-
Vinyl acetate	5.00		<50.0	<20.0	-	-
Vinyl chloride	2.00		<50.0	<20.0	-	-
Xylenes (total)	1.00		<25.0	<10.0	-	-
cis-1,2-Dichloroethene	0.500		62	25.0	-	-
cis-1,3-Dichloropropene	0.500		<25.0	<10.0	-	-
trans-1,2-Dichloroethene	0.500		68	25.7	-	-
trans-1,3-Dichloropropene	0.500		<25.0	<10.0	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		90	112	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		98	101	-	-
sur-Toluene-d8 R% (88 - 110)	-		103	102	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	<2.50	<4.00
1,1,2,2-Tetrachloroethane	0.500		-	-	<2.50	<4.00
1,1,2-Trichloroethane	1.00		-	-	<5.00	<8.00
1,1-Dichloroethane	0.500		-	-	<2.50	<4.00
1,1-Dichloroethene	0.500		-	-	<2.50	<4.00
1,2-Dichloroethane	1.00		-	-	<5.00	<8.00
1,2-Dichloropropane	0.500		-	-	<2.50	<4.00
2-Butanone	5.00		-	-	<25.0	<40.0
2-Chloroethyl vinyl ether	5.00		-	-	<25.0 J	<40.0
2-Hexanone	5.00		-	-	<25.0	<40.0
4-Methyl-2-pentanone	5.00		-	-	<25.0	<40.0
Acetone	5.00		-	-	<25.0	<40.0
Benzene	0.500		-	-	8.30	<4.00
Bromodichloromethane	0.500		-	-	<2.50	<4.00
Bromoform	1.00		-	-	<5.00	<8.00
Bromomethane	2.00		-	-	<10.0	<16.0
Carbon disulfide	1.00		-	-	<5.00	<8.00
Carbon tetrachloride	0.500		-	-	<2.50	<4.00
Chlorobenzene	0.500		-	-	<2.50	<4.00

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	<10.0	<16.0
Chloroform	0.500		-	-	<2.50	2.04 JQ
Chloromethane	2.00		-	-	<10.0	<16.0
Dibromochloromethane	0.500		-	-	<2.50	<4.00
Ethylbenzene	0.500		-	-	5.55	<4.00
Methylene chloride	2.00		-	-	<10.0	<16.0
Styrene	0.500		-	-	<2.50	<4.00
Tetrachloroethene	0.500		-	-	<2.50	<4.00
Toluene	0.500		-	-	15.8	<4.00
Trichloroethene	0.500		-	-	243	340
Vinyl acetate	5.00		-	-	<25.0	<40.0
Vinyl chloride	2.00		-	-	<10.0	<16.0 JL
Xylenes (total)	1.00		-	-	3.76 JQ	<8.00
cis-1,2-Dichloroethene	0.500		-	-	37.4	48.9
cis-1,3-Dichloropropene	0.500		-	-	<2.50	<4.00
trans-1,2-Dichloroethene	0.500		-	-	18.3	38.4
trans-1,3-Dichloropropene	0.500		-	-	<2.50	<4.00
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	96.0	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	97.0	94.0
sur-Toluene-d8 R% (88 - 110)	-		-	-	97.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<13	<10.9	<10.8	<10.2
1,2-Dichlorobenzene	10.0		<13	<10.9	<10.8	<10.2
1,3-Dichlorobenzene	10.0		<13	<10.9	<10.8	<10.2
1,4-Dichlorobenzene	10.0		<13	<10.9	<10.8	<10.2
2,4,5-Trichlorophenol	20.0		<26	<21.7	<21.5	<20.4
2,4,6-Trichlorophenol	10.0		<13	<10.9	<10.8	<10.2
2,4-Dichlorophenol	10.0		<13	<10.9	<10.8	<10.2
2,4-Dimethylphenol	10.0		<13	<10.9	<10.8 JL	<10.2
2,4-Dinitrophenol	50.0		<65	<54.4 J	<53.8	<51.0
2,4-Dinitrotoluene	10.0		<13	<10.9	<10.8	<10.2
2,6-Dinitrotoluene	10.0		<13	<10.9	<10.8	<10.2
2-Chloronaphthalene	10.0		<13	<10.9	<10.8	<10.2
2-Chlorophenol	10.0		<13	<10.9	<10.8	<10.2
2-Methylnaphthalene	10.0		<13	<10.9	<10.8	<10.2
2-Methylphenol	10.0		<13	<10.9	<10.8	<10.2
2-Nitroaniline	50.0		<65	<54.4	<53.8	<51.0
2-Nitrophenol	10.0		<13	<10.9	<10.8	<10.2
3,3'-Dichlorobenzidine	20.0		<26	<21.7 J	<21.5	<20.4
3-Nitroaniline	50.0		<65	<54.4	<53.8	<51.0

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<65	<54.4	<53.8	<51.0
4-Bromophenyl phenyl ether	10.0		<13	<10.9	<10.8	<10.2
4-Chloro-3-methylphenol	10.0		<13	<10.9	<10.8	<10.2
4-Chloroaniline	20.0		<26	<21.7	<21.5 J	<20.4 J
4-Chlorophenyl phenyl ether	10.0		<13	<10.9	<10.8	<10.2
4-Methylphenol	10.0		<13	<10.9	<10.8 JL	<10.2
4-Nitroaniline	50.0		<65	<54.4 J	<53.8	<51.0
4-Nitrophenol	50.0		<65	<54.4	<53.8	<51.0
Acenaphthene	10.0		<13	<10.9	<10.8	<10.2
Acenaphthylene	10.0		<13	<10.9	<10.8	<10.2
Anthracene	10.0		<13	<10.9	<10.8	<10.2
Benz(a)anthracene	10.0		<13	<10.9	<10.8	<10.2
Benzo(a)pyrene	10.0		<13	<10.9	<10.8	<10.2
Benzo(b)fluoranthene	10.0		<13	<10.9	<10.8	<10.2
Benzo(g,h,i)perylene	10.0		<13	<10.9	<10.8	<10.2
Benzo(k)fluoranthene	10.0		<13	<10.9	<10.8	<10.2
Benzoic acid	50.0		<65 J	<54.4	<53.8	<51.0
Benzyl alcohol	20.0		<26	<21.7	<21.5	<20.4
Butyl benzyl phthalate	10.0		<13	23.7	25.4	15.2
Chrysene	10.0		<13	<10.9	<10.8	<10.2
Di-n-butylphthalate	10.0		<13	0.870 JQ	<10.8	<10.2
Di-n-octylphthalate	10.0		<13	<10.9	<10.8	<10.2
Dibenz(a,h)anthracene	10.0		<13	<10.9	<10.8	<10.2
Dibenzofuran	10.0		<13	<10.9	<10.8	<10.2
Diethylphthalate	10.0		<13	<10.9	<10.8	<10.2
Dimethylphthalate	10.0		<13	<10.9	<10.8	<10.2
Fluoranthene	10.0		<13	<10.9	<10.8	<10.2
Fluorene	10.0		<13	<10.9	<10.8	<10.2
Hexachlorobenzene	10.0		<13	<10.9	<10.8	<10.2
Hexachlorobutadiene	10.0		<13	<10.9	<10.8	<10.2
Hexachlorocyclopentadiene	10.0		<13 J	<10.9	<10.8 R	<10.2 R
Hexachloroethane	10.0		<13	<10.9	<10.8	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<13	<10.9	<10.8	<10.2
Isophorone	10.0		<13	<10.9	<10.8	<10.2
Naphthalene	10.0		<13	<10.9	0.539 JQ	<10.2
Nitrobenzene	10.0		<13	<10.9	<10.8	<10.2
Pentachlorophenol	30.0		<39	<32.6	<32.2 R	<30.6
Phenanthrene	10.0		<13	<10.9	<10.8	<10.2
Phenol	10.0		<13	<10.9	8.45 JQ	<10.2
Pyrene	10.0		<13	<10.9	<10.8	<10.2
bis(2-Chloroethoxy)methane	10.0		<13	<10.9	<10.8	<10.2
bis(2-Chloroethyl)ether	10.0		<13 J	<10.9	<10.8	<10.2
bis(2-Chloroisopropyl)ether	10.0		<13	<10.9	<10.8	<10.2

DATA SUMMARY TABLE
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	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-06M 13-APR-95	GMI22-06M 15-JUL-95	GMI22-06M 20-OCT-95	GMI22-06M 15-JAN-96
PARAMETER/METHOD(UNITS)						
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<13	1.99 JQ	<10.8	<10.2
n-Nitrosodinpropylamine	10.0		<13	<10.9	<10.8	<10.2
n-Nitrosodiphenylamine	10.0		<13	<10.9	<10.8	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		65	59	65.8	69.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		55	67	69.7	82.1
sur-2-Fluorophenol R% (21 - 100)	-		45	48	54.1	55.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		47	73	70.6	63.0
sur-Phenol-d6 R% (10 - 94)	-		58	60	63.4	62.0
sur-Terphenyl-d14 R% (38 - 141)	-		72	80	70.6	66.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes	GMI22-07M 11-APR-95	GMI22-07M 15-JUL-95	GMI22-07M 21-OCT-95	GMI22-07M 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1600	11800	7210	8490
Antimony	250		<250	<250	<250	<250
Barium	20.0		120	262	202	218
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		120000	140000	117000	129000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		3500	22600	13100	20700
Magnesium	250		14000	15200	13200	13300
Manganese	10.0		210	1050	597	960
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3700	5350	5600	4690
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		33000	33000	32600	32300
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		<10	35.0	20.0	28.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	12.2	7.07	9.34
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-07M 11-APR-95	GMI22-07M 15-JUL-95	GMI22-07M 21-OCT-95	GMI22-07M 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-07M 11-APR-95	GMI22-07M 15-JUL-95	GMI22-07M 21-OCT-95	GMI22-07M 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		98	94	97.0	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	91	97.0	98.0
sur-Toluene-d8 R% (88 - 110)	-		100	97	100.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.5	<10.5	<11.2
1,2-Dichlorobenzene	10.0		<11	<10.5	<10.5	<11.2
1,3-Dichlorobenzene	10.0		<11	<10.5	<10.5	<11.2
1,4-Dichlorobenzene	10.0		<11	<10.5	<10.5	<11.2
2,4,5-Trichlorophenol	20.0		<22	<21.1	<21.1	<22.5
2,4,6-Trichlorophenol	10.0		<11	<10.5	<10.5	<11.2
2,4-Dichlorophenol	10.0		<11	<10.5	<10.5	<11.2
2,4-Dimethylphenol	10.0		<11	<10.5	<10.5	<11.2
2,4-Dinitrophenol	50.0		<56	<52.6 J	<52.6	<56.2
2,4-Dinitrotoluene	10.0		<11	<10.5	<10.5	<11.2
2,6-Dinitrotoluene	10.0		<11	<10.5	<10.5	<11.2
2-Chloronaphthalene	10.0		<11	<10.5	<10.5	<11.2
2-Chlorophenol	10.0		<11	<10.5	<10.5	<11.2
2-Methylnaphthalene	10.0		<11	<10.5	<10.5	<11.2
2-Methylphenol	10.0		<11	<10.5	<10.5	<11.2
2-Nitroaniline	50.0		<56	<52.6	<52.6	<56.2
2-Nitrophenol	10.0		<11	<10.5	<10.5	<11.2
3,3'-Dichlorobenzidine	20.0		<22	<21.1 J	<21.1 J	<22.5
3-Nitroaniline	50.0		<56	<52.6	<52.6	<56.2

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-07M 11-APR-95	GMI22-07M 15-JUL-95	GMI22-07M 21-OCT-95	GMI22-07M 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<52.6	<52.6	<56.2
4-Bromophenyl phenyl ether	10.0		<11	<10.5	<10.5	<11.2
4-Chloro-3-methylphenol	10.0		<11	<10.5	<10.5	<11.2
4-Chloroaniline	20.0		<22	<21.1	<21.1 J	<22.5 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.5	<10.5	<11.2
4-Methylphenol	10.0		<11	<10.5	<10.5	<11.2
4-Nitroaniline	50.0		<56	<52.6 J	<52.6	<56.2
4-Nitrophenol	50.0		<56	<52.6 J	<52.6	<56.2
Acenaphthene	10.0		<11	<10.5	<10.5	<11.2
Acenaphthylene	10.0		<11	<10.5	<10.5	<11.2
Anthracene	10.0		<11	<10.5	<10.5	<11.2
Benz(a)anthracene	10.0		<11	<10.5	<10.5	<11.2
Benzo(a)pyrene	10.0		<11	<10.5	<10.5	<11.2
Benzo(b)fluoranthene	10.0		<11	<10.5	<10.5	<11.2
Benzo(g,h,i)perylene	10.0		<11	<10.5	<10.5	<11.2
Benzo(k)fluoranthene	10.0		<11	<10.5	<10.5	<11.2
Benzoic acid	50.0		<56 R	<52.6	<52.6	<56.2
Benzyl alcohol	20.0		<22	<21.1	<21.1	<22.5
Butyl benzyl phthalate	10.0		<11	2.05 JQ	2.84 JQ	<11.2
Chrysene	10.0		<11	<10.5	<10.5	<11.2
Di-n-butylphthalate	10.0		0.75 JQ	0.959 JQ	<10.5	<11.2
Di-n-octylphthalate	10.0		<11	<10.5	<10.5	<11.2
Dibenz(a,h)anthracene	10.0		<11	<10.5	<10.5	<11.2
Dibenzofuran	10.0		<11	<10.5	<10.5	<11.2
Diethylphthalate	10.0		<11	<10.5	<10.5	<11.2
Dimethylphthalate	10.0		<11	<10.5	<10.5	<11.2
Fluoranthene	10.0		<11	<10.5	<10.5	<11.2
Fluorene	10.0		<11	<10.5	<10.5	<11.2
Hexachlorobenzene	10.0		<11	<10.5	<10.5	<11.2
Hexachlorobutadiene	10.0		<11	<10.5	<10.5	<11.2
Hexachlorocyclopentadiene	10.0		<11 J	<10.5 J	<10.5 R	<11.2 R
Hexachloroethane	10.0		<11	<10.5	<10.5	<11.2
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.5	<10.5	<11.2
Isophorone	10.0		<11	<10.5	<10.5	<11.2
Naphthalene	10.0		<11	<10.5	<10.5	<11.2
Nitrobenzene	10.0		<11	<10.5	<10.5	<11.2
Pentachlorophenol	30.0		<33	<31.6	<31.6	<33.7
Phenanthrene	10.0		<11	<10.5	<10.5	<11.2
Phenol	10.0		<11	<10.5	1.53 JQ	<11.2
Pyrene	10.0		<11	<10.5	<10.5	<11.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.5	<10.5	<11.2
bis(2-Chloroethyl)ether	10.0		<11	<10.5	<10.5	<11.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.5	<10.5 JL	<11.2

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI22-07M 11-APR-95	GMI22-07M 15-JUL-95	GMI22-07M 21-OCT-95	GMI22-07M 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.5	<10.5	<11.2
n-Nitrosodinpropylamine	10.0		<11	<10.5	<10.5	<11.2
n-Nitrosodiphenylamine	10.0		<11	<10.5	<10.5	<11.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		60	44	77.8	68.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		71	46	73.1	79.3
sur-2-Fluorophenol R% (21 - 100)	-		34	39	63.0	59.8
sur-Nitrobenzene-d5 R% (35 - 114)	-		67	44	78.2	67.2
sur-Phenol-d6 R% (10 - 94)	-		34	43	65.2	53.8
sur-Terphenyl-d14 R% (38 - 141)	-		80	58	75.1	75.3

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-08M 11-APR-95	GMI22-08M 15-JUL-95	GMI22-08M 20-OCT-95	GMI22-08M 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		3400 JH	9270	4160 JH	5610 J
Antimony	250		<250	<250	<250	<250
Barium	20.0		99	167	91.0	108
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		65000	70200	139000	102000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		6100	18700	9360	12900
Magnesium	250		11000	11900	11100	10500
Manganese	10.0		380 JH	1160	877	1010
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		3600	4820	5780	4590
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		26000	27600	34700	31400
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		11	26.0	16.0	20.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<25 J	<5.00 JL	<5.00 JL	<5.00 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	10.4	5.22	7.56
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	GMI22-08M 11-APR-95	GMI22-08M 15-JUL-95	GMI22-08M 20-OCT-95	GMI22-08M 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.7 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95.0	93.0	95.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		93.0	90.0	95.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		101	98.0	97.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11.0	<10.6	<10.8	<10.9 JL
1,2-Dichlorobenzene	10.0		<11.0	<10.6	<10.8	<10.9
1,3-Dichlorobenzene	10.0		<11.0	<10.6	<10.8	<10.9
1,4-Dichlorobenzene	10.0		<11.0	<10.6	<10.8	<10.9
2,4,5-Trichlorophenol	20.0		<23.0	<21.3	<21.5	<21.7
2,4,6-Trichlorophenol	10.0		<11.0	<10.6	<10.8	<10.9
2,4-Dichlorophenol	10.0		<11.0	<10.6	<10.8	<10.9
2,4-Dimethylphenol	10.0		<11.0	<10.6	<10.8 JL	<10.9
2,4-Dinitrophenol	50.0		<57.0	<53.2 J	<53.8 R	<54.4
2,4-Dinitrotoluene	10.0		<11.0	<10.6	<10.8	<10.9 JL
2,6-Dinitrotoluene	10.0		<11.0	<10.6	<10.8	<10.9
2-Chloronaphthalene	10.0		<11.0	<10.6	<10.8	<10.9
2-Chlorophenol	10.0		<11.0	<10.6	<10.8	<10.9
2-Methylnaphthalene	10.0		<11.0	<10.6	<10.8	<10.9
2-Methylphenol	10.0		<11.0	<10.6	<10.8	<10.9
2-Nitroaniline	50.0		<57.0	<53.2	<53.8	<54.4
2-Nitrophenol	10.0		<11.0	<10.6	<10.8	<10.9
3,3'-Dichlorobenzidine	20.0		<23.0	<21.3	<21.5 J	<21.7 J
3-Nitroaniline	50.0		<57.0	<53.2	<53.8	<54.4

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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	GMI22-08M 11-APR-95	GMI22-08M 15-JUL-95	GMI22-08M 20-OCT-95	GMI22-08M 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57.0	<53.2	<53.8	<54.4
4-Bromophenyl phenyl ether	10.0		<11.0	<10.6	<10.8	<10.9
4-Chloro-3-methylphenol	10.0		<11.0	<10.6	<10.8	<10.9 JL
4-Chloroaniline	20.0		<23.0 J	<21.3	<21.5	<21.7 J
4-Chlorophenyl phenyl ether	10.0		<11.0	<10.6	<10.8	<10.9
4-Methylphenol	10.0		<11.0	<10.6	<10.8	<10.9
4-Nitroaniline	50.0		<57.0	<53.2 J	<53.8	<54.4
4-Nitrophenol	50.0		<57.0 J	<53.2 J	<53.8 J	<54.4
Acenaphthene	10.0		<11.0	<10.6	<10.8	<10.9 JL
Acenaphthylene	10.0		<11.0	<10.6	<10.8	<10.9
Anthracene	10.0		<11.0	<10.6	<10.8	<10.9
Benz(a)anthracene	10.0		<11.0	<10.6	<10.8	<10.9 JL
Benzo(a)pyrene	10.0		<11.0 J	<10.6	<10.8	<10.9
Benzo(b)fluoranthene	10.0		<11.0	<10.6	<10.8	<10.9
Benzo(g,h,i)perylene	10.0		<11.0	<10.6	<10.8	<10.9
Benzo(k)fluoranthene	10.0		<11.0	<10.6	<10.8	<10.9
Benzoic acid	50.0		<57.0 R	<53.2 J	<53.8	<54.4
Benzyl alcohol	20.0		<23.0	<21.3	<21.5	<21.7
Butyl benzyl phthalate	10.0		<11.0	1.97 JQ	1.33 JQ	2.36 JQ
Chrysene	10.0		<11.0	<10.6	<10.8	<10.9
Di-n-butylphthalate	10.0		<11.0	1.11 JQ	<10.8	<10.9
Di-n-octylphthalate	10.0		<11.0	<10.6	<10.8	<10.9
Dibenz(a,h)anthracene	10.0		<11.0	<10.6	<10.8	<10.9
Dibenzofuran	10.0		<11.0	<10.6	<10.8	<10.9
Diethylphthalate	10.0		<11.0	<10.6	<10.8	<10.9
Dimethylphthalate	10.0		<11.0	<10.6	<10.8	<10.9
Fluoranthene	10.0		<11.0	<10.6	<10.8	<10.9
Fluorene	10.0		<11.0	<10.6	<10.8	<10.9
Hexachlorobenzene	10.0		<11.0	<10.6	<10.8	<10.9
Hexachlorobutadiene	10.0		<11.0	<10.6	<10.8	<10.9
Hexachlorocyclopentadiene	10.0		<11.0	<10.6 J	<10.8 R	<10.9 R
Hexachloroethane	10.0		<11.0	<10.6	<10.8 JL	<10.9
Indeno(1,2,3-cd)pyrene	10.0		<11.0	<10.6	<10.8	<10.9
Isophorone	10.0		<11.0	<10.6	<10.8	<10.9
Naphthalene	10.0		<11.0	<10.6	<10.8	<10.9 JL
Nitrobenzene	10.0		<11.0	<10.6	<10.8	<10.9
Pentachlorophenol	30.0		<34.0	<31.9	<32.2 R	<32.6
Phenanthrene	10.0		<11.0	<10.6	<10.8	<10.9
Phenol	10.0		<11.0	<10.6	8.04 JQ	<10.9
Pyrene	10.0		<11.0	<10.6	<10.8	<10.9 JL
bis(2-Chloroethoxy)methane	10.0		<11.0	<10.6	<10.8	<10.9
bis(2-Chloroethyl)ether	10.0		<11.0	<10.6	<10.8	<10.9
bis(2-Chloroisopropyl)ether	10.0		<11.0	<10.6	<10.8	<10.9

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	GMI22-08M 11-APR-95	GMI22-08M 15-JUL-95	GMI22-08M 20-OCT-95	GMI22-08M 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11.0	<10.6	<10.8	<10.9
n-Nitrosodinpropylamine	10.0		<11.0	<10.6	<10.8	<10.9
n-Nitrosodiphenylamine	10.0		<11.0	<10.6	<10.8	<10.9
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		68.0	52.0	45.1	76.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		66.0	67.0	68.7	74.8
sur-2-Fluorophenol R% (21 - 100)	-		51.0	55.0	47.1	66.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		65.0	70.0	60.7	61.8
sur-Phenol-d6 R% (10 - 94)	-		39.0	62.0	45.1	69.9
sur-Terphenyl-d14 R% (38 - 141)	-		74.0	77.0	72.7	75.8

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		15000	2480	6370	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		180	108	128	94.0
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		270000	159000	178000	145000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		23000	3550	7400	723
Magnesium	250		9400	8520	6810	5910
Manganese	10.0		490	149	235	63.0
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		4400	2230	2560	1230
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		21000	21400	17500	16900
Vanadium	50.0		55	<50.0	<50.0	<50.0
Zinc	10.0		41	31.0	19.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		14	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<100	<100	<100	<100
1,1,2,2-Tetrachloroethane	0.500		<100	<100	<100	<100
1,1,2-Trichloroethane	1.00		<100	<100	<100	<100
1,1-Dichloroethane	0.500		<100	<100	<100	<100
1,1-Dichloroethene	0.500		<100	<100	<100	<100
1,2-Dichloroethane	1.00		<100	<100	<100	<100
1,2-Dichloropropane	0.500		<100	<100	<100	<100
2-Butanone (MEK)	5.00		<200	<200	<200	<200
2-Chloroethyl vinyl ether	5.00		<200	<200 J	<200	<200
2-Hexanone	5.00		<200	<200	<200	<200
4-Methyl-2-pentanone	5.00		<200	<200	<200	<200
Acetone	5.00		<200	<200	<200 J	<200
Benzene	0.500		<100	<100	<100	<100
Bromodichloromethane	0.500		<100	<100	<100	<100
Bromoform	1.00		<100	<100	<100	<100
Bromomethane	2.00		<200	<200	<200	<200
Carbon disulfide	1.00		<100	<100	<100	<100
Carbon tetrachloride	0.500		<100	<100	<100	<100
Chlorobenzene	0.500		<100	<100	<100	<100

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<200	<200	<200	<200
Chloroform	0.500		<100	<100	<100	<100
Chloromethane	2.00		<200	<200	<200	<200
Dibromochloromethane	0.500		<100	<100	<100	<100
Ethylbenzene	0.500		<100	<100	<100	<100
Methylene chloride	2.00		150	<100	<100	<100 JL
Styrene	0.500		<100	<100	<100	<100
Tetrachloroethene	0.500		9.6 JQ	<100	<100	<100
Toluene	0.500		<100	<100	<100	<100
Trichloroethene	0.500		2000	2180	957	2550
Vinyl acetate	5.00		<200	<200	<200	<200
Vinyl chloride	2.00		<200	<200	<200	<200
Xylenes (total)	1.00		<100	<100	<100	<100
cis-1,2-Dichloroethene	0.500		230	262	167	268
cis-1,3-Dichloropropene	0.500		<100	<100	<100	<100
trans-1,2-Dichloroethene	0.500		24 JQ	21.8 JQ	17.0	<100
trans-1,3-Dichloropropene	0.500		<100	<100	<100	<100
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		102	103	106.0	99.0
sur-Bromofluorobenzene R% (86 - 115)	-		100	103	97.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		105	101	101.0	102.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<14	<10.2	<10.5	<10.4
1,2-Dichlorobenzene	10.0		<14	<10.2	<10.5	<10.4
1,3-Dichlorobenzene	10.0		<14	<10.2	<10.5	<10.4
1,4-Dichlorobenzene	10.0		<14	<10.2	<10.5	<10.4
2,4,5-Trichlorophenol	20.0		<27	<20.4	<21.1	<20.8
2,4,6-Trichlorophenol	10.0		<14	<10.2	<10.5	<10.4
2,4-Dichlorophenol	10.0		<14	<10.2	<10.5	<10.4
2,4-Dimethylphenol	10.0		<14	<10.2	<10.5	<10.4
2,4-Dinitrophenol	50.0		<68	<51.0 J	<52.6 J	<52.1
2,4-Dinitrotoluene	10.0		<14	<10.2	<10.5	<10.4
2,6-Dinitrotoluene	10.0		<14	<10.2	<10.5	<10.4
2-Chloronaphthalene	10.0		<14	<10.2	<10.5	<10.4
2-Chlorophenol	10.0		<14	<10.2	<10.5	<10.4
2-Methylnaphthalene	10.0		<14	<10.2	<10.5	<10.4
2-Methylphenol	10.0		<14	<10.2	<10.5	<10.4
2-Nitroaniline	50.0		<68	<51.0	<52.6	<52.1
2-Nitrophenol	10.0		<14	<10.2	<10.5	<10.4
3,3'-Dichlorobenzidine	20.0		<27	<20.4	<21.1	<20.8
3-Nitroaniline	50.0		<68	<51.0	<52.6	<52.1

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<68	<51.0	<52.6	<52.1
4-Bromophenyl phenyl ether	10.0		<14	<10.2	<10.5	<10.4
4-Chloro-3-methylphenol	10.0		<14	<10.2	<10.5	<10.4
4-Chloroaniline	20.0		<27	<20.4	<21.1	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<14	<10.2	<10.5	<10.4
4-Methylphenol	10.0		<14	<10.2	<10.5	<10.4
4-Nitroaniline	50.0		<68	<51.0 J	<52.6	<52.1
4-Nitrophenol	50.0		<68 J	<51.0	<52.6	<52.1
Acenaphthene	10.0		<14	<10.2	<10.5	<10.4
Acenaphthylene	10.0		<14	<10.2	<10.5	<10.4
Anthracene	10.0		<14	<10.2	<10.5	<10.4
Benz(a)anthracene	10.0		<14	<10.2	<10.5	<10.4
Benzo(a)pyrene	10.0		<14	<10.2	<10.5	<10.4
Benzo(b)fluoranthene	10.0		<14	<10.2	<10.5	<10.4
Benzo(g,h,i)perylene	10.0		<14	<10.2	<10.5	<10.4
Benzo(k)fluoranthene	10.0		<14	<10.2	<10.5	<10.4
Benzoic acid	50.0		<68	<51.0	<52.6	<52.1
Benzyl alcohol	20.0		<27	<20.4	<21.1	<20.8
Butyl benzyl phthalate	10.0		<14	6.62 JQ	21.1	<10.4
Chrysene	10.0		<14	<10.2	<10.5	<10.4
Di-n-butylphthalate	10.0		<14	<10.2	<10.5	<10.4
Di-n-octylphthalate	10.0		<14	<10.2	<10.5	<10.4
Dibenz(a,h)anthracene	10.0		<14	<10.2	<10.5	<10.4
Dibenzofuran	10.0		<14	<10.2	<10.5	<10.4
Diethylphthalate	10.0		<14	<10.2	<10.5	<10.4
Dimethylphthalate	10.0		<14	<10.2	<10.5	<10.4
Fluoranthene	10.0		<14	<10.2	<10.5	<10.4
Fluorene	10.0		<14	<10.2	<10.5	<10.4
Hexachlorobenzene	10.0		<14	<10.2	<10.5	<10.4
Hexachlorobutadiene	10.0		<14	<10.2	<10.5	<10.4
Hexachlorocyclopentadiene	10.0		<14 J	<10.2 J	<10.5 R	<10.4 R
Hexachloroethane	10.0		<14	<10.2	<10.5	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<14	<10.2	<10.5	<10.4
Isophorone	10.0		<14	<10.2	<10.5	<10.4
Naphthalene	10.0		<14	<10.2	<10.5	<10.4
Nitrobenzene	10.0		<14	<10.2	<10.5	<10.4
Pentachlorophenol	30.0		<41	<30.6	<31.6	<31.3
Phenanthrene	10.0		<14	<10.2	<10.5	<10.4
Phenol	10.0		<14	<10.2	<10.5	<10.4
Pyrene	10.0		<14	<10.2	<10.5	<10.4
bis(2-Chloroethoxy)methane	10.0		<14	<10.2	<10.5	<10.4
bis(2-Chloroethyl)ether	10.0		<14	<10.2	<10.5	<10.4
bis(2-Chloroisopropyl)ether	10.0		<14	<10.2 J	<10.5 JL	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10B 19-OCT-95	WP07-10B 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<14	<10.2	<10.5	<10.4
n-Nitrosodinpropylamine	10.0		<14	<10.2	<10.5	<10.4
n-Nitrosodiphenylamine	10.0		<14	<10.2	<10.5	<10.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		84	63	65.2	60.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	72	72.2	81.2
sur-2-Fluorophenol R% (21 - 100)	-		51	64	72.2	69.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	87	79.2	62.1
sur-Phenol-d6 R% (10 - 94)	-		48	71	65.2	69.2
sur-Terphenyl-d14 R% (38 - 141)	-		76	80	90.2	64.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		1900	<500	2610	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		130	149	135	124
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		160000	162000	171000	155000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		9500	14200	15800	8980
Magnesium	250		11000	10400	11600	11100
Manganese	10.0		680	670	711	518
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		2900	2820	3450	2320
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		30000	25300	49300	43500
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		10	<10.0	16.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		8.4	47.8	29.2	25.4
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50	<50.0	-	<50.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	-	<50.0
1,1,2-Trichloroethane	1.00		<50	<50.0	-	<50.0
1,1-Dichloroethane	0.500		<50	<50.0	-	<50.0
1,1-Dichloroethene	0.500		<50	<50.0	-	<50.0
1,2-Dichloroethane	1.00		<50	<50.0	-	<50.0
1,2-Dichloropropane	0.500		<50	<50.0	-	<50.0
2-Butanone (MEK)	5.00		<100	<100	-	<100
2-Chloroethyl vinyl ether	5.00		<100	<100 J	-	<100
2-Hexanone	5.00		<100	<100	-	<100
4-Methyl-2-pentanone	5.00		<100	<100	-	<100
Acetone	5.00		<100	<100	-	<100
Benzene	0.500		<50	<50.0	-	<50.0
Bromodichloromethane	0.500		<50	<50.0	-	<50.0
Bromoform	1.00		<50	<50.0	-	<50.0
Bromomethane	2.00		<100	<100	-	<100
Carbon disulfide	1.00		<50	<50.0	-	<50.0
Carbon tetrachloride	0.500		<50	<50.0	-	<50.0
Chlorobenzene	0.500		<50	<50.0	-	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	-	<100
Chloroform	0.500		<50	<50.0	-	<50.0
Chloromethane	2.00		<100	<100	-	<100
Dibromochloromethane	0.500		<50	<50.0	-	<50.0
Ethylbenzene	0.500		<50	<50.0	-	<50.0
Methylene chloride	2.00		24 JB	25.3 JQ	-	<50.0 JL
Styrene	0.500		<50	<50.0	-	<50.0
Tetrachloroethene	0.500		<50	<50.0	-	<50.0
Toluene	0.500		<50	<50.0	-	<50.0
Trichloroethene	0.500		590	653	554	761
Vinyl acetate	5.00		<100	<100	-	<100
Vinyl chloride	2.00		<100	<100	-	<100
Xylenes (total)	1.00		<50	<50.0	-	<50.0
cis-1,2-Dichloroethene	0.500		170	185	-	193
cis-1,3-Dichloropropene	0.500		<50	<50.0	-	<50.0
trans-1,2-Dichloroethene	0.500		9.9 JQ	11.0 JQ	-	<50.0
trans-1,3-Dichloropropene	0.500		<50	<50.0	-	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	100	101.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		100	98	95.0	101.0
sur-Toluene-d8 R% (88 - 110)	-		103	101	98.0	104.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	<4.00	-
1,1,2,2-Tetrachloroethane	0.500		-	-	<4.00	-
1,1,2-Trichloroethane	1.00		-	-	<8.00	-
1,1-Dichloroethane	0.500		-	-	<4.00	-
1,1-Dichloroethene	0.500		-	-	<4.00	-
1,2-Dichloroethane	1.00		-	-	<8.00	-
1,2-Dichloropropane	0.500		-	-	<4.00	-
2-Butanone	5.00		-	-	<40.0	-
2-Chloroethyl vinyl ether	5.00		-	-	<40.0	-
2-Hexanone	5.00		-	-	<40.0	-
4-Methyl-2-pentanone	5.00		-	-	<40.0	-
Acetone	5.00		-	-	<40.0	-
Benzene	0.500		-	-	<4.00	-
Bromodichloromethane	0.500		-	-	<4.00	-
Bromoform	1.00		-	-	<8.00	-
Bromomethane	2.00		-	-	<16.0	-
Carbon disulfide	1.00		-	-	<8.00	-
Carbon tetrachloride	0.500		-	-	<4.00	-
Chlorobenzene	0.500		-	-	<4.00	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	<16.0	-
Chloroform	0.500		-	-	<4.00	-
Chloromethane	2.00		-	-	<16.0	-
Dibromochloromethane	0.500		-	-	<4.00	-
Ethylbenzene	0.500		-	-	<4.00	-
Methylene chloride	2.00		-	-	<16.0	-
Styrene	0.500		-	-	<4.00	-
Tetrachloroethene	0.500		-	-	<4.00	-
Toluene	0.500		-	-	<4.00	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	<40.0	-
Vinyl chloride	2.00		-	-	31.8	-
Xylenes (total)	1.00		-	-	<8.00	-
cis-1,2-Dichloroethene	0.500		-	-	134	-
cis-1,3-Dichloropropene	0.500		-	-	<4.00	-
trans-1,2-Dichloroethene	0.500		-	-	13.4	-
trans-1,3-Dichloropropene	0.500		-	-	<4.00	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	93.0	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	94.0	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	98.0	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	-	<10.9	<10.3
1,2-Dichlorobenzene	10.0		<11	-	<10.9	<10.3
1,3-Dichlorobenzene	10.0		<11	-	<10.9	<10.3
1,4-Dichlorobenzene	10.0		3.0 J	-	<10.9	<10.3
2,4,5-Trichlorophenol	20.0		<23	-	<21.7	<20.6
2,4,6-Trichlorophenol	10.0		<11	-	<10.9	<10.3
2,4-Dichlorophenol	10.0		<11	-	<10.9	<10.3
2,4-Dimethylphenol	10.0		<11	-	<10.9	<10.3
2,4-Dinitrophenol	50.0		<57	-	<54.4 J	<51.6
2,4-Dinitrotoluene	10.0		<11	-	<10.9	<10.3
2,6-Dinitrotoluene	10.0		<11	-	<10.9	<10.3
2-Chloronaphthalene	10.0		<11	-	<10.9	<10.3
2-Chlorophenol	10.0		<11	-	<10.9	<10.3
2-Methylnaphthalene	10.0		<11	-	<10.9	<10.3
2-Methylphenol	10.0		<11	-	<10.9	<10.3
2-Nitroaniline	50.0		<57	-	<54.4	<51.6
2-Nitrophenol	10.0		<11	-	<10.9	<10.3
3,3'-Dichlorobenzidine	20.0		<23	-	<21.7 J	<20.6
3-Nitroaniline	50.0		<57	-	<54.4	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	-	<54.4	<51.6
4-Bromophenyl phenyl ether	10.0		<11	-	<10.9	<10.3
4-Chloro-3-methylphenol	10.0		<11	-	<10.9	<10.3
4-Chloroaniline	20.0		<23	-	<21.7	<20.6 J
4-Chlorophenyl phenyl ether	10.0		<11	-	<10.9	<10.3
4-Methylphenol	10.0		<11	-	<10.9	<10.3
4-Nitroaniline	50.0		<57 J	-	<54.4	<51.6
4-Nitrophenol	50.0		<57 J	-	<54.4	<51.6 J
Acenaphthene	10.0		<11	-	<10.9	<10.3
Acenaphthylene	10.0		<11	-	<10.9	<10.3
Anthracene	10.0		<11	-	<10.9	<10.3
Benz(a)anthracene	10.0		<11	-	<10.9	<10.3
Benzo(a)pyrene	10.0		<11	-	<10.9	<10.3
Benzo(b)fluoranthene	10.0		<11	-	<10.9	<10.3
Benzo(g,h,i)perylene	10.0		<11	-	<10.9	<10.3
Benzo(k)fluoranthene	10.0		<11	-	<10.9	<10.3
Benzoic acid	50.0		<57 R	-	<54.4	<51.6
Benzyl alcohol	20.0		<23	-	<21.7	<20.6
Butyl benzyl phthalate	10.0		<11	-	19.3	41.1
Chrysene	10.0		<11	-	<10.9	<10.3
Di-n-butylphthalate	10.0		<11	-	<10.9	<10.3
Di-n-octylphthalate	10.0		<11	-	<10.9	<10.3
Dibenz(a,h)anthracene	10.0		<11	-	<10.9	<10.3
Dibenzofuran	10.0		<11	-	<10.9	<10.3
Diethylphthalate	10.0		<11	-	<10.9	<10.3
Dimethylphthalate	10.0		<11	-	<10.9	<10.3
Fluoranthene	10.0		<11	-	<10.9	<10.3
Fluorene	10.0		<11	-	<10.9	<10.3
Hexachlorobenzene	10.0		<11	-	<10.9	<10.3
Hexachlorobutadiene	10.0		<11	-	<10.9	<10.3
Hexachlorocyclopentadiene	10.0		<11	-	<10.9 R	<10.3 R
Hexachloroethane	10.0		<11	-	<10.9	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<11	-	<10.9	<10.3
Isophorone	10.0		<11	-	<10.9	<10.3
Naphthalene	10.0		<11	-	<10.9	<10.3
Nitrobenzene	10.0		<11	-	<10.9	<10.3
Pentachlorophenol	30.0		<34	-	<32.6	<30.9
Phenanthrene	10.0		<11	-	<10.9	<10.3
Phenol	10.0		<11	-	2.64 JQ	<10.3
Pyrene	10.0		<11	-	<10.9	<10.3
bis(2-Chloroethoxy)methane	10.0		<11	-	<10.9	<10.3
bis(2-Chloroethyl)ether	10.0		<11	-	<10.9	<10.3
bis(2-Chloroisopropyl)ether	10.0		<11	-	<10.9	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	WP07-10C 12-APR-95	WP07-10C 12-JUL-95	WP07-10C 18-OCT-95	WP07-10C 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	-	5.39 JQ	14.9
n-Nitrosodinpropylamine	10.0		<11	-	<10.9	<10.3
n-Nitrosodiphenylamine	10.0		<11	-	<10.9	<10.3
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		60	-	84.0	89.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		54	-	100.9	82.0
sur-2-Fluorophenol R% (21 - 100)	-		61	-	77.3	69.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		52	-	83.8	69.0
sur-Phenol-d6 R% (10 - 94)	-		46	-	74.2	65.8
sur-Terphenyl-d14 R% (38 - 141)	-		54	-	77.8	77.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		4100	3200	<500 J	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		190	170	167	168
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		180000	170000	131000	132000
Chromium	50.0		<50	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		3300	2600	<50.0	<50.0
Magnesium	250		5300	5100	4150	4150
Manganese	10.0		330 J	220 J	223	222
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		2700	2700	2530	2530
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		25000	25000	27200	27100
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		12	<10	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<25	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		<0.10	<0.10	<0.100	<0.100
4,4'-DDE	0.0400		<0.040	<0.040	<0.0400	<0.0400
4,4'-DDT	0.100		<0.10 JL	<0.10 JL	<0.100	<0.100
AR1016	1.00		<1.0	<1.1	<1.00	<1.00
AR1221	1.00		<1.0	<1.1	<1.00	<1.00
AR1232	1.00		<1.0	<1.1	<1.00	<1.00
AR1242	1.00		<1.0	<1.1	<1.00	<1.00

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		<1.0	<1.1	<1.00	<1.00
AR1254	1.00		<1.0	<1.1	<1.00	<1.00
AR1260	1.00		<1.0	<1.1	<1.00	<1.00
Aldrin	0.0400		<0.040	<0.040	<0.0400	<0.0400
Chlordane	0.500		<0.50	<0.50	<0.500	<0.500
Dieldrin	0.0200		<0.020	<0.020	<0.0200	<0.0200
Endosulfan I	0.0500		<0.050	<0.050	<0.0500	<0.0500
Endosulfan II	0.0400		<0.040	<0.040	<0.0400	<0.0400
Endosulfan sulfate	0.100		<0.10	<0.10	<0.100	<0.100
Endrin	0.0600		<0.060	<0.060	<0.0600	<0.0600
Endrin aldehyde	0.100		<0.10	<0.10	<0.100	<0.100
Heptachlor	0.0300		<0.030	<0.030	<0.0300	<0.0300
Heptachlor epoxide	0.0500		<0.050	<0.050	<0.0500	<0.0500
Methoxychlor	0.500		<0.50	<0.50	<0.500	<0.500
Toxaphene	2.00		<2.1	<2.1	<2.00	<2.00
alpha-BHC	0.0300		<0.030	<0.030	<0.0300	<0.0300
beta-BHC	0.0500		<0.050	<0.050	<0.0500	<0.0500
delta-BHC	0.0500		<0.050	<0.050	<0.0500	<0.0500
gamma-BHC (Lindane)	0.0400		<0.040	<0.040	<0.0400	<0.0400
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		50	40	101	104
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.00	<5.00
Acetone	5.00		<5.0	<5.0	<5.00	<5.00
Benzene	0.500		<0.50	<0.50	0.777	0.625
Bromodichloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Bromoform	1.00		<1.0	<1.0	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.0	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.0	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.50	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.50	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.0	<2.00	<2.00
Chloroform	0.500		<0.50	<0.50	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.0	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.50	0.673	0.539
Methylene chloride	2.00		1.9 JB	1.5 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.50	<0.500	<0.500
Tetrachloroethene	0.500		2.4 JH	2.3 JH	0.747	0.668
Toluene	0.500		<0.50	<0.50	6.44	5.11
Trichloroethene	0.500		<0.50	<0.50	3.64	1.53
Vinyl acetate	5.00		<5.0	<5.0	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.0	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.0	3.61	2.69
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	0.925	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	93	92	95
sur-Bromofluorobenzene R% (86 - 115)	-		96	95	90	92
sur-Toluene-d8 R% (88 - 110)	-		101	101	97	98
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10	<10.2	<10.4
1,2-Dichlorobenzene	10.0		<11	<10	<10.2	<10.4
1,3-Dichlorobenzene	10.0		<11	<10	<10.2	<10.4
1,4-Dichlorobenzene	10.0		<11	<10	<10.2	<10.4
2,4,5-Trichlorophenol	20.0		<22	<21	<20.4	<20.8
2,4,6-Trichlorophenol	10.0		<11	<10	<10.2	<10.4
2,4-Dichlorophenol	10.0		<11	<10	<10.2	<10.4
2,4-Dimethylphenol	10.0		<11	<10	<10.2	<10.4
2,4-Dinitrophenol	50.0		<54	<53	<51.0 J	<52.1 J
2,4-Dinitrotoluene	10.0		<11	<10	<10.2	<10.4
2,6-Dinitrotoluene	10.0		<11	<10	<10.2	<10.4
2-Chloronaphthalene	10.0		<11	<10	<10.2	<10.4
2-Chlorophenol	10.0		<11	<10	<10.2	<10.4
2-Methylnaphthalene	10.0		<11	<10	<10.2	<10.4
2-Methylphenol	10.0		<11	<10	<10.2	<10.4
2-Nitroaniline	50.0		<54 J	<53 J	<51.0	<52.1
2-Nitrophenol	10.0		<11	<10	<10.2	<10.4
3,3'-Dichlorobenzidine	20.0		<22	<21	<20.4	<20.8
3-Nitroaniline	50.0		<54 J	<53 J	<51.0	<52.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<54	<53	<51.0	<52.1
4-Bromophenyl phenyl ether	10.0		<11	<10	<10.2	<10.4
4-Chloro-3-methylphenol	10.0		<11	<10	<10.2	<10.4
4-Chloroaniline	20.0		<22	<21	<20.4	<20.8
4-Chlorophenyl phenyl ether	10.0		<11	<10	<10.2	<10.4
4-Methylphenol	10.0		<11	<10	<10.2	<10.4
4-Nitroaniline	50.0		<54 J	<53 J	<51.0 J	<52.1 J
4-Nitrophenol	50.0		<54	<53	<51.0 J	<52.1 J
Acenaphthene	10.0		<11	<10	<10.2	<10.4
Acenaphthylene	10.0		<11	<10	<10.2	<10.4
Anthracene	10.0		<11	<10	<10.2	<10.4
Benz(a)anthracene	10.0		<11	<10	<10.2	<10.4
Benzo(a)pyrene	10.0		<11	<10	<10.2	<10.4
Benzo(b)fluoranthene	10.0		<11	<10	<10.2	<10.4
Benzo(g,h,i)perylene	10.0		<11	<10	<10.2	<10.4
Benzo(k)fluoranthene	10.0		<11	<10	<10.2	<10.4
Benzoic acid	50.0		<54	<53	<51.0 J	<52.1 J
Benzyl alcohol	20.0		<22	<21	<20.4	<20.8
Butyl benzyl phthalate	10.0		<11	<10	53.3	53.0
Chrysene	10.0		<11	<10	<10.2	<10.4
Di-n-butylphthalate	10.0		<11	<10	<10.2	1.64 JQ
Di-n-octylphthalate	10.0		<11	<10	<10.2	<10.4
Dibenz(a,h)anthracene	10.0		<11	<10	<10.2	<10.4
Dibenzofuran	10.0		<11	<10	<10.2	<10.4
Diethylphthalate	10.0		<11	<10	<10.2	<10.4
Dimethylphthalate	10.0		<11	<10	<10.2	<10.4
Fluoranthene	10.0		<11	<10	<10.2	<10.4
Fluorene	10.0		<11	<10	<10.2	<10.4
Hexachlorobenzene	10.0		<11	<10	<10.2	<10.4
Hexachlorobutadiene	10.0		<11	<10	<10.2	<10.4
Hexachlorocyclopentadiene	10.0		<11	<10	<10.2	<10.4
Hexachloroethane	10.0		<11	<10	<10.2 J	<10.4 J
Indeno(1,2,3-cd)pyrene	10.0		<11	<10	<10.2	<10.4
Isophorone	10.0		<11	<10	<10.2	<10.4
Naphthalene	10.0		<11	<10	<10.2	<10.4
Nitrobenzene	10.0		<11	<10	<10.2	<10.4
Pentachlorophenol	30.0		<33	<32	<30.6	<31.3
Phenanthrene	10.0		<11	<10	<10.2	<10.4
Phenol	10.0		<11	<10	<10.2	<10.4
Pyrene	10.0		<11	<10	<10.2	<10.4
bis(2-Chloroethoxy)methane	10.0		<11	<10	<10.2	<10.4
bis(2-Chloroethyl)ether	10.0		<11	<10	<10.2	<10.4
bis(2-Chloroisopropyl)ether	10.0		<11	<10	<10.2	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	OT15C 08-APR-95	FDUP-8 08-APR-95 Duplicate of OT15C	OT15C 16-JUL-95	FDUP-8 16-JUL-95 Duplicate of OT15C
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10 0		<11	<10	<10 2	<10 4
n-Nitrosodinpropylamine	10 0		<11	<10	<10 2	<10 4
n-Nitrosodiphenylamine	10 0		<11	<10	<10.2	<10 4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		85	71	56	52
sur-2-Fluorobiphenyl R% (43 - 116)	-		75	69	62	63
sur-2-Fluorophenol R% (21 - 100)	-		51	51	55	57
sur-Nitrobenzene-d5 R% (35 - 114)	-		73	64	61	68
sur-Phenol-d6 R% (10 - 94)	-		75	66	61	62
sur-Terphenyl-d14 R% (38 - 141)	-		79	73	75	75

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	500		5310 JL	4240	49600
Antimony	250		<250	<250	<250 JL
Barium	20.0		200	221	4560 JL
Beryllium	3.00		<3.00	<3.00	4.00
Cadmium	10.0		<10.0	<10.0	<10.0 JL
Calcium	100		185000	184000	846000
Chromium	50.0		<50.0	<50.0	65.0
Cobalt	50.0		<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	62.0
Iron	50.0		4540	3820	44300
Magnesium	250		5210	5140	16200
Manganese	10.0		444	489	1860
Molybdenum	50.0		<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0
Potassium	600		3160	3600	8610
Silver	50.0		<50.0	<50.0	<50.0
Sodium	250		27100	28000	28400
Vanadium	50.0		<50.0	<50.0	102
Zinc	10.0		11.0	11.0	98.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	5.00		<5.00	<5.00	<5.00 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	5.00		<5.00	<5.00	49.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)					
Mercury	0.500		<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)					
Selenium	5.00		<5.00	<5.00	<5.00 JL
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)					
Thallium	2.00		<2.00	<2.00	<2.00 JL
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)					
4,4'-DDD	0.100		<0.106	<0.109	<0.114
4,4'-DDE	0.0400		<0.0424	<0.0436	<0.0456
4,4'-DDT	0.100		<0.106	<0.109	<0.114
AR1016	1.00		<1.06	<1.09	<1.14
AR1221	1.00		<1.06	<1.09	<1.14
AR1232	1.00		<1.06	<1.09	<1.14
AR1242	1.00		<1.06	<1.09	<1.14

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.					
AR1248	1.00		<1.06	<1.09	<1.14
AR1254	1.00		<1.06	<1.09	<1.14
AR1260	1.00		<1.06	<1.09	<1.14
Aldrin	0.0400		<0.0424	<0.0436	<0.0456
Chlordane	0.500		<0.530	<0.545	<0.570
Dieldrin	0.0200		<0.0212	<0.0218	<0.0228
Endosulfan I	0.0500		<0.0530	<0.0545	<0.0570
Endosulfan II	0.0400		<0.0424	<0.0436	<0.0456
Endosulfan sulfate	0.100		<0.106	<0.109	<0.114
Endrin	0.0600		<0.0636	<0.0654	<0.0684
Endrin aldehyde	0.100		<0.106	<0.109	<0.114
Heptachlor	0.0300		<0.0318	<0.0327	<0.0342
Heptachlor epoxide	0.0500		<0.0530	<0.0545	<0.0570
Methoxychlor	0.500		<0.530	<0.545	<0.570
Toxaphene	2.00		<2.12	<2.18	<2.28
alpha-BHC	0.0300		<0.0318	<0.0327	<0.0342
beta-BHC	0.0500		<0.0530	<0.0545	<0.0570
delta-BHC	0.0500		<0.0530	<0.0545	<0.0570
gamma-BHC (Lindane)	0.0400		<0.0424	<0.0436	<0.0456
% Surrogate Recovery (Control Limit)					
sur-Dibutylchlorendate R% (33 - 186)	-		74.2	74.8	66.8
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-
1,1,2-Trichloroethane	1.00		-	-	-
1,1-Dichloroethane	0.500		-	-	-
1,1-Dichloroethene	0.500		-	-	-
1,2-Dichloroethane	1.00		-	-	-
1,2-Dichloropropane	0.500		-	-	-
2-Butanone (MEK)	5.00		-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-
2-Hexanone	5.00		-	-	-
4-Methyl-2-pentanone	5.00		-	-	-
Acetone	5.00		-	-	-
Benzene	0.500		-	-	-
Bromodichloromethane	0.500		-	-	-
Bromoform	1.00		-	-	-
Bromomethane	2.00		-	-	-
Carbon disulfide	1.00		-	-	-
Carbon tetrachloride	0.500		-	-	-
Chlorobenzene	0.500		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.					
Chloroethane	2.00		-	-	-
Chloroform	0.500		-	-	-
Chloromethane	2.00		-	-	-
Dibromochloromethane	0.500		-	-	-
Ethylbenzene	0.500		-	-	-
Methylene chloride	2.00		-	-	-
Styrene	0.500		-	-	-
Tetrachloroethene	0.500		-	-	-
Toluene	0.500		-	-	-
Trichloroethene	0.500		-	-	-
Vinyl acetate	5.00		-	-	-
Vinyl chloride	2.00		-	-	-
Xylenes (total)	1.00		-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.					
Chloroethane	2.00		<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94.0	95.0	98.0
sur-Bromofluorobenzene R% (86 - 115)	-		95.0	94.0	108.0
sur-Toluene-d8 R% (88 - 110)	-		100.0	100.0	92.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
1,2,4-Trichlorobenzene	10.0		<10.5	<11.1	<10.4
1,2-Dichlorobenzene	10.0		<10.5	<11.1	<10.4
1,3-Dichlorobenzene	10.0		<10.5	<11.1	<10.4
1,4-Dichlorobenzene	10.0		<10.5	<11.1	<10.4
2,4,5-Trichlorophenol	20.0		<21.1	<22.2	<20.8
2,4,6-Trichlorophenol	10.0		<10.5	<11.1	<10.4
2,4-Dichlorophenol	10.0		<10.5	<11.1	<10.4
2,4-Dimethylphenol	10.0		<10.5	<11.1	<10.4 JL
2,4-Dinitrophenol	50.0		<52.6	<55.6	<52.1
2,4-Dinitrotoluene	10.0		<10.5	<11.1	<10.4
2,6-Dinitrotoluene	10.0		<10.5	<11.1	<10.4
2-Chloronaphthalene	10.0		<10.5	<11.1	<10.4
2-Chlorophenol	10.0		<10.5	<11.1	<10.4
2-Methylnaphthalene	10.0		<10.5	<11.1	<10.4
2-Methylphenol	10.0		<10.5	<11.1	<10.4
2-Nitroaniline	50.0		<52.6	<55.6	<52.1
2-Nitrophenol	10.0		<10.5	<11.1	<10.4
3,3'-Dichlorobenzidine	20.0		<21.1 J	<22.2 J	<20.8 J
3-Nitroaniline	50.0		<52.6	<55.6	<52.1

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
4,6-Dinitro-2-methylphenol	50.0		<52.6	<55.6	<52.1
4-Bromophenyl phenyl ether	10.0		<10.5	<11.1	<10.4
4-Chloro-3-methylphenol	10.0		<10.5	<11.1	<10.4
4-Chloroaniline	20.0		<21.1 J	<22.2 J	<20.8 J
4-Chlorophenyl phenyl ether	10.0		<10.5	<11.1	<10.4
4-Methylphenol	10.0		<10.5	<11.1	<10.4
4-Nitroaniline	50.0		<52.6	<55.6	<52.1
4-Nitrophenol	50.0		<52.6	<55.6	<52.1
Acenaphthene	10.0		<10.5	<11.1	<10.4
Acenaphthylene	10.0		<10.5	<11.1	<10.4
Anthracene	10.0		<10.5	<11.1	<10.4
Benz(a)anthracene	10.0		<10.5	<11.1	<10.4
Benzo(a)pyrene	10.0		<10.5	<11.1	<10.4
Benzo(b)fluoranthene	10.0		<10.5	<11.1	<10.4
Benzo(g,h,i)perylene	10.0		<10.5	<11.1	<10.4
Benzo(k)fluoranthene	10.0		<10.5	<11.1	<10.4
Benzoic acid	50.0		<52.6	<55.6	<52.1
Benzyl alcohol	20.0		<21.1	<22.2	<20.8
Butyl benzyl phthalate	10.0		<10.5	1.22 JQ	15.4
Chrysene	10.0		<10.5	<11.1	<10.4
Di-n-butylphthalate	10.0		<10.5	<11.1	<10.4
Di-n-octylphthalate	10.0		<10.5	<11.1	<10.4
Dibenz(a,h)anthracene	10.0		<10.5	<11.1	<10.4
Dibenzofuran	10.0		<10.5	<11.1	<10.4
Diethylphthalate	10.0		<10.5	<11.1	<10.4
Dimethylphthalate	10.0		<10.5	<11.1	<10.4
Fluoranthene	10.0		<10.5	<11.1	<10.4
Fluorene	10.0		<10.5	<11.1	<10.4
Hexachlorobenzene	10.0		<10.5	<11.1	<10.4
Hexachlorobutadiene	10.0		<10.5	<11.1	<10.4
Hexachlorocyclopentadiene	10.0		<10.5 R	<11.1 R	<10.4 R
Hexachloroethane	10.0		<10.5	<11.1	<10.4 JL
Indeno(1,2,3-cd)pyrene	10.0		<10.5	<11.1	<10.4
Isophorone	10.0		<10.5	<11.1	<10.4
Naphthalene	10.0		<10.5	<11.1	<10.4
Nitrobenzene	10.0		<10.5	<11.1	<10.4
Pentachlorophenol	30.0		<31.6	<33.3	<31.3
Phenanthrene	10.0		<10.5	<11.1	<10.4 JL
Phenol	10.0		<10.5	<11.1	<10.4
Pyrene	10.0		<10.5	<11.1	<10.4
bis(2-Chloroethoxy)methane	10.0		<10.5	<11.1	<10.4
bis(2-Chloroethyl)ether	10.0		<10.5	<11.1	<10.4
bis(2-Chloroisopropyl)ether	10.0		<10.5 JL	<11.1 JL	<10.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	OT15C 21-OCT-95	FDUP-8 21-OCT-95 Duplicate of OT15C	OT15C 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	10.0		<10.5	<11.1	<10.4
n-Nitrosodinpropylamine	10.0		<10.5	<11.1	<10.4
n-Nitrosodiphenylamine	10.0		<10.5	<11.1	<10.4
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol R% (10 - 123)	-		59.9	71.9	59.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		60.2	73.1	68.1
sur-2-Fluorophenol R% (21 - 100)	-		55.9	62.9	53.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		68.2	76.0	56.1
sur-Phenol-d6 R% (10 - 94)	-		59.9	62.9	54.1
sur-Terphenyl-d14 R% (38 - 141)	-		65.1	73.1	64.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data. do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		-	2100 JB	3260	1320	3790
Antimony	250		-	<250	<250	<250	<250
Barium	20.0		-	210	255	198	223
Beryllium	3.00		-	<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		-	<10	<10.0	<10.0	<10.0
Calcium	100		-	150000	195000	148000	202000
Chromium	50.0		-	<50	<50.0	<50.0	<50.0
Cobalt	50.0		-	<50	<50.0	<50.0	<50.0
Copper	50.0		-	<50	<50.0	<50.0	<50.0
Iron	50.0		-	18000	26500	17400	28100
Magnesium	250		-	6100	6400	5510	6540
Manganese	10.0		-	180	348	176	299
Molybdenum	50.0		-	<50	<50.0	<50.0	<50.0
Nickel	50.0		-	<50	<50.0	<50.0	<50.0
Potassium	600		-	1300	1660	1130	1740
Silver	50.0		-	<50	<50.0	<50.0	<50.0
Sodium	250		-	25000	21800	22500	23800
Vanadium	50.0		-	<50	<50.0	<50.0	<50.0
Zinc	10.0		-	18	28.0	14.0	30.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		-	37	36.8	45.9	32.3
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		-	<5.0	14.4	7.55	17.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		-	<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		-	<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		-	<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-	-
2-Hexanone	5.00		-	-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-	-
Acetone	5.00		-	-	-	-	-
Benzene	0.500		-	-	-	-	-
Bromodichloromethane	0.500		-	-	-	-	-
Bromoform	1.00		-	-	-	-	-
Bromomethane	2.00		-	-	-	-	-
Carbon disulfide	1.00		-	-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-	-
Chlorobenzene	0.500		-	-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	-
Chloroform	0.500		-	-	-	-	-
Chloromethane	2.00		-	-	-	-	-
Dibromochloromethane	0.500		-	-	-	-	-
Ethylbenzene	0.500		-	-	-	-	-
Methylene chloride	2.00		-	-	-	-	-
Styrene	0.500		-	-	-	-	-
Tetrachloroethene	0.500		-	-	-	-	-
Toluene	0.500		-	-	-	-	-
Trichloroethene	0.500		-	-	-	-	-
Vinyl acetate	5.00		-	-	-	-	-
Vinyl chloride	2.00		-	-	-	-	-
Xylenes (total)	1.00		-	-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	-	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	-	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	-	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	-	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	-	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	-	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	-	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	-	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	-	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	-	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	-	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	-	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	-	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	-	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	-	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	-	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	-	<0.500	<0.500	<0.500
Methylene chloride	2.00		4.3 JB	-	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	-	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	-	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	-	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	-	<2.00	<2.00	<2.00 JL
Xylenes (total)	1.00		<1.0	-	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	-	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	-	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		105	-	106	105.0	108.0
sur-Bromofluorobenzene R% (86 - 115)	-		114	-	109	96.0	111.0
sur-Toluene-d8 R% (88 - 110)	-		105	-	102	107.0	108.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		-	<10	<10.3	<11.1	<11.6
1,2-Dichlorobenzene	10.0		-	<10	<10.3	<11.1	<11.6
1,3-Dichlorobenzene	10.0		-	<10	<10.3	<11.1	<11.6
1,4-Dichlorobenzene	10.0		-	<10	<10.3	<11.1	<11.6
2,4,5-Trichlorophenol	20.0		-	<20	<20.6	<22.2	<23.3
2,4,6-Trichlorophenol	10.0		-	<10	<10.3	<11.1	<11.6
2,4-Dichlorophenol	10.0		-	<10	<10.3	<11.1	<11.6
2,4-Dimethylphenol	10.0		-	<10	<10.3	<11.1	<11.6
2,4-Dinitrophenol	50.0		-	<50	<51.6 J	<55.6	<58.2
2,4-Dinitrotoluene	10.0		-	<10	<10.3	<11.1	<11.6
2,6-Dinitrotoluene	10.0		-	<10	<10.3	<11.1	<11.6
2-Chloronaphthalene	10.0		-	<10	<10.3	<11.1	<11.6
2-Chlorophenol	10.0		-	<10	<10.3	<11.1	<11.6
2-Methylnaphthalene	10.0		-	16	15.8	19.8	13.3
2-Methylphenol	10.0		-	<10	<10.3	<11.1	<11.6
2-Nitroaniline	50.0		-	<50 J	<51.6	<55.6	<58.2
2-Nitrophenol	10.0		-	<10	<10.3	<11.1	<11.6
3,3'-Dichlorobenzidine	20.0		-	<20	<20.6 J	<22.2	<23.3
3-Nitroaniline	50.0		-	<50	<51.6	<55.6	<58.2

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		-	<50	<51.6	<55.6	<58.2
4-Bromophenyl phenyl ether	10.0		-	<10	<10.3	<11.1	<11.6
4-Chloro-3-methylphenol	10.0		-	<10	<10.3	<11.1	<11.6
4-Chloroaniline	20.0		-	<20	<20.6	<22.2 J	<23.3 J
4-Chlorophenyl phenyl ether	10.0		-	<10	<10.3	<11.1	<11.6
4-Methylphenol	10.0		-	<10	<10.3	<11.1	<11.6
4-Nitroaniline	50.0		-	<50 J	<51.6 J	<55.6	<58.2
4-Nitrophenol	50.0		-	<50	<51.6	<55.6	<58.2
Acenaphthene	10.0		-	<10	<10.3	<11.1	<11.6
Acenaphthylene	10.0		-	0.93 JQ	<10.3	<11.1	<11.6
Anthracene	10.0		-	<10	<10.3	<11.1	<11.6
Benz(a)anthracene	10.0		-	<10	<10.3	<11.1	<11.6
Benzo(a)pyrene	10.0		-	<10	<10.3	<11.1	<11.6
Benzo(b)fluoranthene	10.0		-	<10	<10.3	<11.1	<11.6
Benzo(g,h,i)perylene	10.0		-	<10	<10.3	<11.1	<11.6
Benzo(k)fluoranthene	10.0		-	<10	<10.3	<11.1	<11.6
Benzoic acid	50.0		-	<50	<51.6	<55.6	<58.2
Benzyl alcohol	20.0		-	<20	<20.6	<22.2	<23.3
Butyl benzyl phthalate	10.0		-	<10	41.9	22.3	<11.6
Chrysene	10.0		-	<10	<10.3	<11.1	<11.6
Di-n-butylphthalate	10.0		-	0.68 JQ	0.747 JH	<11.1	<11.6
Di-n-octylphthalate	10.0		-	<10	<10.3	<11.1	<11.6
Dibenz(a,h)anthracene	10.0		-	<10	<10.3	<11.1	<11.6
Dibenzofuran	10.0		-	1.5 JQ	1.89 JQ	2.00 JQ	<11.6
Diethylphthalate	10.0		-	<10	<10.3	<11.1	<11.6
Dimethylphthalate	10.0		-	<10	<10.3	<11.1	<11.6
Fluoranthene	10.0		-	<10	<10.3	<11.1	<11.6
Fluorene	10.0		-	<10	0.531 JQ	<11.1	<11.6
Hexachlorobenzene	10.0		-	<10	<10.3	<11.1	<11.6
Hexachlorobutadiene	10.0		-	<10	<10.3	<11.1	<11.6
Hexachlorocyclopentadiene	10.0		-	<10 J	<10.3	<11.1 R	<11.6 R
Hexachloroethane	10.0		-	<10	<10.3	<11.1	<11.6
Indeno(1,2,3-cd)pyrene	10.0		-	<10	<10.3	<11.1	<11.6
Isophorone	10.0		-	<10	<10.3	<11.1	<11.6
Naphthalene	10.0		-	1.2 JQ	0.743 JQ	<11.1	1.99 JB
Nitrobenzene	10.0		-	<10	<10.3	<11.1	<11.6
Pentachlorophenol	30.0		-	<30	<30.9	<33.3	<34.9
Phenanthrene	10.0		-	<10	<10.3	<11.1	<11.6
Phenol	10.0		-	<10	9.32 JQ	<11.1	<11.6
Pyrene	10.0		-	<10	<10.3	<11.1	<11.6
bis(2-Chloroethoxy)methane	10.0		-	<10	<10.3	<11.1	<11.6
bis(2-Chloroethyl)ether	10.0		-	<10	<10.3	<11.1	<11.6
bis(2-Chloroisopropyl)ether	10.0		-	<10	<10.3	<11.1	<11.6

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95	SD13-01 21-OCT-95	SD13-01 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		-	<10	<10.3	<11.1	<11.6
n-Nitrosodinpropylamine	10.0		-	<10	<10.3	<11.1	<11.6
n-Nitrosodiphenylamine	10.0		-	<10	<10.3	<11.1	<11.6
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		-	91	84	76.0	75.3
sur-2-Fluorobiphenyl R% (43 - 116)	-		-	75	81	71.1	72.2
sur-2-Fluorophenol R% (21 - 100)	-		-	79	73	64.7	59.2
sur-Nitrobenzene-d5 R% (35 - 114)	-		-	88	83	75.0	59.1
sur-Phenol-d6 R% (10 - 94)	-		-	70	72	68.9	58.0
sur-Terphenyl-d14 R% (38 - 141)	-		-	82	95	69.1	67.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-02 08-APR-95	SD13-02 14-JUL-95	SD13-02 17-OCT-95	SD13-02 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		680	<500	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		180	183	182	187
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		170000	130000	128000	146000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		4700	2670	1930	3360
Magnesium	250		6500	5960	5950	6070
Manganese	10.0		480	422	396	438
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		2000	1900	2010	1960
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		19000	18600	20600	21600
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		15	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	15.1	6.95	24.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	5.67	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		3.0 JB	6.18 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94.0	96	97.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		98.0	94	97.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		102.0	101	100.0	102.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.2	<10.9	<11.1
1,2-Dichlorobenzene	10.0		<10	<10.2	<10.9	<11.1
1,3-Dichlorobenzene	10.0		<10	<10.2	<10.9	<11.1
1,4-Dichlorobenzene	10.0		<10	<10.2	<10.9	<11.1
2,4,5-Trichlorophenol	20.0		<20	<20.4	<21.7	<22.2
2,4,6-Trichlorophenol	10.0		<10	<10.2	<10.9	<11.1
2,4-Dichlorophenol	10.0		<10	<10.2	<10.9	<11.1
2,4-Dimethylphenol	10.0		<10	<10.2	<10.9 JL	<11.1
2,4-Dinitrophenol	50.0		<50	<51.0 J	<54.4	<55.6
2,4-Dinitrotoluene	10.0		<10	<10.2	<10.9	<11.1
2,6-Dinitrotoluene	10.0		<10	<10.2	<10.9	<11.1
2-Chloronaphthalene	10.0		<10	<10.2	<10.9	<11.1
2-Chlorophenol	10.0		<10	<10.2	<10.9	<11.1
2-Methylnaphthalene	10.0		<10	<10.2	<10.9	<11.1
2-Methylphenol	10.0		<10	<10.2	<10.9	<11.1
2-Nitroaniline	50.0		<50 J	<51.0	<54.4	<55.6
2-Nitrophenol	10.0		<10	<10.2	<10.9	<11.1
3,3'-Dichlorobenzidine	20.0		<20	<20.4 J	<21.7	<22.2 J
3-Nitroaniline	50.0		<50 J	<51.0	<54.4	<55.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-02 08-APR-95	SD13-02 14-JUL-95	SD13-02 17-OCT-95	SD13-02 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50	<51.0	<54.4	<55.6
4-Bromophenyl phenyl ether	10.0		<10	<10.2	<10.9	<11.1
4-Chloro-3-methylphenol	10.0		<10	<10.2	<10.9	<11.1
4-Chloroaniline	20.0		<20	<20.4	<21.7	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.2	<10.9	<11.1
4-Methylphenol	10.0		<10	<10.2	<10.9	<11.1
4-Nitroaniline	50.0		<50 J	<51.0 J	<54.4	<55.6
4-Nitrophenol	50.0		<50	<51.0	<54.4	<55.6
Acenaphthene	10.0		<10	<10.2	<10.9	<11.1
Acenaphthylene	10.0		<10	<10.2	<10.9	<11.1
Anthracene	10.0		<10	<10.2	<10.9	<11.1
Benz(a)anthracene	10.0		<10	<10.2	<10.9	<11.1
Benzo(a)pyrene	10.0		<10	<10.2	<10.9	<11.1
Benzo(b)fluoranthene	10.0		<10	<10.2	<10.9	<11.1
Benzo(g,h,i)perylene	10.0		<10	<10.2	<10.9	<11.1
Benzo(k)fluoranthene	10.0		<10	<10.2	<10.9	<11.1
Benzoic acid	50.0		<50	<51.0	<54.4	<55.6
Benzyl alcohol	20.0		<20	<20.4	<21.7 R	<22.2
Butyl benzyl phthalate	10.0		<10	<10.2	<10.9	<11.1
Chrysene	10.0		<10	<10.2	<10.9	<11.1
Di-n-butylphthalate	10.0		<10	<10.2	<10.9	<11.1
Di-n-octylphthalate	10.0		<10	<10.2	<10.9	<11.1
Dibenz(a,h)anthracene	10.0		<10	<10.2	<10.9	<11.1
Dibenzofuran	10.0		<10	<10.2	<10.9	<11.1
Diethylphthalate	10.0		<10	<10.2	<10.9	<11.1
Dimethylphthalate	10.0		<10	<10.2	<10.9	<11.1
Fluoranthene	10.0		<10	<10.2	<10.9	<11.1
Fluorene	10.0		<10	<10.2	<10.9	<11.1
Hexachlorobenzene	10.0		<10	<10.2	<10.9	<11.1
Hexachlorobutadiene	10.0		<10	<10.2	<10.9	<11.1
Hexachlorocyclopentadiene	10.0		<10	<10.2	<10.9 R	<11.1 R
Hexachloroethane	10.0		<10	<10.2	<10.9	<11.1
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.2	<10.9	<11.1
Isophorone	10.0		<10	<10.2	<10.9	<11.1
Naphthalene	10.0		<10	<10.2	<10.9	<11.1
Nitrobenzene	10.0		<10	<10.2	<10.9	<11.1
Pentachlorophenol	30.0		<30	<30.6	<32.6	<33.3
Phenanthrene	10.0		<10	<10.2	<10.9	<11.1
Phenol	10.0		<10	<10.2	<10.9	<11.1
Pyrene	10.0		<10	<10.2	<10.9	<11.1
bis(2-Chloroethoxy)methane	10.0		<10	<10.2	<10.9	<11.1
bis(2-Chloroethyl)ether	10.0		<10	<10.2	<10.9	<11.1
bis(2-Chloroisopropyl)ether	10.0		<10	<10.2	<10.9 JL	<11.1

DATA SUMMARY TABLE
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Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-02 08-APR-95	SD13-02 14-JUL-95	SD13-02 17-OCT-95	SD13-02 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.2	<10.9	<11.1
n-Nitrosodinpropylamine	10.0		<10	<10.2	<10.9	<11.1
n-Nitrosodiphenylamine	10.0		<10	<10.2	<10.9	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		81	80	90.8	77.8
sur-2-Fluorobiphenyl R% (43 - 116)	-		76	77	82.8	67.0
sur-2-Fluorophenol R% (21 - 100)	-		84	72	66.9	65.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		71	85	66.8	71.1
sur-Phenol-d6 R% (10 - 94)	-		64	71	63.8	61.1
sur-Terphenyl-d14 R% (38 - 141)	-		77	99	100.9	66.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		4200 JL	9500	2540	1230	<500
Antimony	250		<250	<250	<250	<250	<250 JL
Barium	20.0		320	340	304	287	414
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0	<10.0 JL
Calcium	100		210000	270000	182000	157000	544000
Chromium	50.0		<50	<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0	70.0
Iron	50.0		24000	34000	20700	16000	63600
Magnesium	250		7900	10000	7360	6660	11900
Manganese	10.0		300	440	285	178	790
Molybdenum	50.0		<50	<50	<50.0	<50.0	25600
Nickel	50.0		<50	<50	<50.0	<50.0	<50.0
Potassium	600		1800	2900	1550	1320	4650
Silver	50.0		<50	<50	<50.0	<50.0	<50.0
Sodium	250		23000	24000	22600	23300	<250
Vanadium	50.0		<50	<50	<50.0	<50.0	<50.0
Zinc	10.0		35	61	16.0	10.0	108
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		31	22	37.7	39.2	25.0 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		18	22	8.02	<5.00	69.3
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<25	<5.0	<5.00	<5.00	<5.00 JL
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	<2.0	<2.00	<2.00	<2.00 JL
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-	-	-	-	-
4,4'-DDE	0.0400		-	-	-	-	-
4,4'-DDT	0.100		-	-	-	-	-
AR1016	1.00		-	-	-	-	-
AR1221	1.00		-	-	-	-	-
AR1232	1.00		-	-	-	-	-
AR1242	1.00		-	-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.							
AR1248	1.00		-	-	-	-	-
AR1254	1.00		-	-	-	-	-
AR1260	1.00		-	-	-	-	-
Aldrin	0.0400		-	-	-	-	-
Chlordane	0.500		-	-	-	-	-
Dieldrin	0.0200		-	-	-	-	-
Endosulfan I	0.0500		-	-	-	-	-
Endosulfan II	0.0400		-	-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-	-
Endrin	0.0600		-	-	-	-	-
Endrin aldehyde	0.100		-	-	-	-	-
Heptachlor	0.0300		-	-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-	-
Methoxychlor	0.500		-	-	-	-	-
Toxaphene	2.00		-	-	-	-	-
alpha-BHC	0.0300		-	-	-	-	-
beta-BHC	0.0500		-	-	-	-	-
delta-BHC	0.0500		-	-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		<5.0	-	<5.00	<5.00	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	-	<5.00	<5.00	-
1,1,2-Trichloroethane	1.00		<5.0	-	<5.00	<5.00	-
1,1-Dichloroethane	0.500		<5.0	-	<5.00	<5.00	-
1,1-Dichloroethene	0.500		<5.0	-	<5.00	<5.00	-
1,2-Dichloroethane	1.00		<5.0	-	<5.00	<5.00	-
1,2-Dichloropropane	0.500		<5.0	-	<5.00	<5.00	-
2-Butanone (MEK)	5.00		<10	-	<10.0	<10.0	-
2-Chloroethyl vinyl ether	5.00		<10	-	<10.0	<10.0	-
2-Hexanone	5.00		<10	-	<10.0	<10.0	-
4-Methyl-2-pentanone	5.00		<10	-	<10.0	<10.0	-
Acetone	5.00		<10	-	<10.0	<10.0	-
Benzene	0.500		<5.0	-	<5.00	<5.00	-
Bromodichloromethane	0.500		<5.0	-	<5.00	<5.00	-
Bromoform	1.00		<5.0	-	<5.00	<5.00	-
Bromomethane	2.00		<10	-	<10.0	<10.0	-
Carbon disulfide	1.00		<5.0	-	<5.00	<5.00	-
Carbon tetrachloride	0.500		<5.0	-	<5.00	<5.00	-
Chlorobenzene	0.500		<5.0	-	<5.00	<5.00	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.							
Chloroethane	2.00		<10	-	<10.0	<10.0	-
Chloroform	0.500		<5.0	-	<5.00	<5.00	-
Chloromethane	2.00		<10	-	<10.0	<10.0	-
Dibromochloromethane	0.500		<5.0	-	<5.00	<5.00	-
Ethylbenzene	0.500		<5.0	-	<5.00	<5.00	-
Methylene chloride	2.00		11 JB	-	2.58 JB	<5.00	-
Styrene	0.500		<5.0	-	<5.00	<5.00	-
Tetrachloroethene	0.500		<5.0	-	<5.00	<5.00	-
Toluene	0.500		<5.0	-	<5.00	<5.00	-
Trichloroethene	0.500		<5.0	-	<5.00	<5.00	-
Vinyl acetate	5.00		<10	-	<10.0	<10.0	-
Vinyl chloride	2.00		<10	-	<10.0	<10.0	-
Xylenes (total)	1.00		<5.0	-	<5.00	<5.00	-
cis-1,2-Dichloroethene	0.500		<5.0	-	<5.00	<5.00	-
cis-1,3-Dichloropropene	0.500		<5.0	-	<5.00	<5.00	-
trans-1,2-Dichloroethene	0.500		<5.0	-	<5.00	<5.00	-
trans-1,3-Dichloropropene	0.500		<5.0	-	<5.00	<5.00	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	-	104	99.0	-
sur-Bromofluorobenzene R% (86 - 115)	-		94	-	96	103.0	-
sur-Toluene-d8 R% (88 - 110)	-		106	-	108	106.0	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1,1-Trichloroethane	0.500		-	-	-	-	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-	<0.500
1,1,2-Trichloroethane	1.00		-	-	-	-	<1.00
1,1-Dichloroethane	0.500		-	-	-	-	<0.500
1,1-Dichloroethene	0.500		-	-	-	-	<0.500
1,2-Dichloroethane	1.00		-	-	-	-	<1.00
1,2-Dichloropropane	0.500		-	-	-	-	<0.500
2-Butanone	5.00		-	-	-	-	<5.00 J
2-Chloroethyl vinyl ether	5.00		-	-	-	-	<5.00 R
2-Hexanone	5.00		-	-	-	-	<5.00 J
4-Methyl-2-pentanone	5.00		-	-	-	-	<5.00 J
Acetone	5.00		-	-	-	-	<5.00 J
Benzene	0.500		-	-	-	-	<0.500
Bromodichloromethane	0.500		-	-	-	-	<0.500
Bromoform	1.00		-	-	-	-	<1.00
Bromomethane	2.00		-	-	-	-	<2.00
Carbon disulfide	1.00		-	-	-	-	<1.00
Carbon tetrachloride	0.500		-	-	-	-	<0.500
Chlorobenzene	0.500		-	-	-	-	<0.500

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.							
Chloroethane	2.00		-	-	-	-	<2.00
Chloroform	0.500		-	-	-	-	<0.500
Chloromethane	2.00		-	-	-	-	<2.00
Dibromochloromethane	0.500		-	-	-	-	<0.500
Ethylbenzene	0.500		-	-	-	-	<0.500
Methylene chloride	2.00		-	-	-	-	<2.00
Styrene	0.500		-	-	-	-	<0.500
Tetrachloroethene	0.500		-	-	-	-	<0.500
Toluene	0.500		-	-	-	-	<0.500
Trichloroethene	0.500		-	-	-	-	<0.500
Vinyl acetate	5.00		-	-	-	-	<5.00
Vinyl chloride	2.00		-	-	-	-	<2.00
Xylenes (total)	1.00		-	-	-	-	<1.00
cis-1,2-Dichloroethene	0.500		-	-	-	-	<0.500
cis-1,3-Dichloropropene	0.500		-	-	-	-	<0.500
trans-1,2-Dichloroethene	0.500		-	-	-	-	<0.500
trans-1,3-Dichloropropene	0.500		-	-	-	-	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-	99.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-	93.0
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-	107.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
1,2-Dichlorobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
1,3-Dichlorobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
1,4-Dichlorobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
2,4,5-Trichlorophenol	20.0		<21	<22	<21.1	<21.3	<20.0
2,4,6-Trichlorophenol	10.0		<10	<11	<10.5	<10.6	<10.0
2,4-Dichlorophenol	10.0		<10	<11	<10.5	<10.6	<10.0
2,4-Dimethylphenol	10.0		<10	<11	<10.5	<10.6	<10.0
2,4-Dinitrophenol	50.0		<53	<54	<52.6 J	<53.2	<50.0
2,4-Dinitrotoluene	10.0		<10	<11	<10.5	<10.6	<10.0
2,6-Dinitrotoluene	10.0		<10	<11	<10.5	<10.6	<10.0
2-Chloronaphthalene	10.0		<10	<11	<10.5	<10.6	<10.0
2-Chlorophenol	10.0		<10	<11	<10.5	<10.6	<10.0
2-Methylnaphthalene	10.0		2.6 JQ	12	16.1	13.5	<10.0
2-Methylphenol	10.0		<10	<11	<10.5	<10.6	<10.0
2-Nitroaniline	50.0		<53 J	<54 J	<52.6	<53.2	<50.0
2-Nitrophenol	10.0		<10	<11	<10.5	<10.6	<10.0
3,3'-Dichlorobenzidine	20.0		<21	<22	<21.1 J	<21.3	<20.0 J
3-Nitroaniline	50.0		<53 J	<54 J	<52.6	<53.2	<50.0

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
4,6-Dinitro-2-methylphenol	50.0		<53	<54	<52.6	<53.2	<50.0
4-Bromophenyl phenyl ether	10.0		<10	<11	<10.5	<10.6	<10.0
4-Chloro-3-methylphenol	10.0		<10	<11	<10.5	<10.6	<10.0
4-Chloroaniline	20.0		<21	<22	<21.1	<21.3 J	<20.0 J
4-Chlorophenyl phenyl ether	10.0		<10	<11	<10.5	<10.6	<10.0
4-Methylphenol	10.0		<10	<11	<10.5	<10.6	<10.0
4-Nitroaniline	50.0		<53 J	<54	<52.6 J	<53.2	<50.0
4-Nitrophenol	50.0		<53	<54	<52.6	<53.2	<50.0
Acenaphthene	10.0		<10	0.43	<10.5	<10.6	<10.0
Acenaphthylene	10.0		<10	<11	<10.5	<10.6	<10.0
Anthracene	10.0		<10	<11	<10.5	<10.6	<10.0
Benz(a)anthracene	10.0		<10	<11	<10.5	<10.6	<10.0
Benzo(a)pyrene	10.0		<10	<11	<10.5	<10.6	<10.0
Benzo(b)fluoranthene	10.0		<10	<11	<10.5	<10.6	<10.0
Benzo(g,h,i)perylene	10.0		<10	<11	<10.5	<10.6	<10.0
Benzo(k)fluoranthene	10.0		<10	<11	<10.5	<10.6	<10.0
Benzoic acid	50.0		<53	<54	<52.6	<53.2	<50.0
Benzyl alcohol	20.0		<21	<22	<21.1	<21.3	<20.0
Butyl benzyl phthalate	10.0		<10	<11	3.79 JQ	4.72 JQ	15.3
Chrysene	10.0		<10	<11	<10.5	<10.6	<10.0
Di-n-butylphthalate	10.0		<10	<11	<10.5	<10.6	<10.0
Di-n-octylphthalate	10.0		<10	<11	<10.5	<10.6	<10.0
Dibenz(a,h)anthracene	10.0		<10	<11	<10.5	<10.6	<10.0
Dibenzofuran	10.0		1.3 JQ	1.4	2.06 JQ	1.53 JQ	1.52 JQ
Diethylphthalate	10.0		<10	<11	<10.5	<10.6	<10.0
Dimethylphthalate	10.0		<10	<11	<10.5	<10.6	<10.0
Fluoranthene	10.0		<10	<11	<10.5	<10.6	<10.0
Fluorene	10.0		0.29 JQ	0.56	<10.5	<10.6	<10.0
Hexachlorobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
Hexachlorobutadiene	10.0		<10	<11	<10.5	<10.6	<10.0
Hexachlorocyclopentadiene	10.0		<10	<11 J	<10.5	<10.6 R	<10.0 R
Hexachloroethane	10.0		<10	<11	<10.5	<10.6	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<10	<11	<10.5	<10.6	<10.0
Isophorone	10.0		<10	<11	<10.5	<10.6	12.9
Naphthalene	10.0		4.0 JQ	5.3	5.05 JQ	<10.6	1.73 JQ
Nitrobenzene	10.0		<10	<11	<10.5	<10.6	<10.0
Pentachlorophenol	30.0		<32	<33	<31.6	<31.9	<30.0
Phenanthrene	10.0		<10	<11	<10.5	<10.6	<10.0
Phenol	10.0		<10	<11	<10.5	<10.6	<10.0
Pyrene	10.0		<10	<11	<10.5	<10.6	<10.0
bis(2-Chloroethoxy)methane	10.0		<10	<11	<10.5	<10.6	<10.0
bis(2-Chloroethyl)ether	10.0		<10	<11	<10.5	<10.6	<10.0
bis(2-Chloroisopropyl)ether	10.0		<10	<11	<10.5	<10.6	<10.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-03 08-APR-95	SD13-03 13-APR-95	SD13-03 14-JUL-95	SD13-03 21-OCT-95	SD13-03 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.							
bis(2-Ethylhexyl)phthalate	10.0		<10	<11	<10.5	<10.6	<10.0
n-Nitrosodinpropylamine	10.0		<10	<11	<10.5	<10.6	<10.0
n-Nitrosodiphenylamine	10.0		<10	<11	<10.5	<10.6	<10.0
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol R% (10 - 123)	-		74	61	72	93.8	88.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		71	54	73	82.3	70.0
sur-2-Fluorophenol R% (21 - 100)	-		88	51	72	73.8	62.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		72	53	86	91.3	69.0
sur-Phenol-d6 R% (10 - 94)	-		68	53	74	76.9	59.0
sur-Terphenyl-d14 R% (38 - 141)	-		73	63	87	84.3	67.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		770	570	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		210	200	208	230
Beryllium	3.00		<3.0	<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10	<10.0	<10.0
Calcium	100		150000	150000	139000	140000
Chromium	50.0		<50 J	<50	<50.0	<50.0
Cobalt	50.0		<50	<50	<50.0	<50.0
Copper	50.0		<50	<50	<50.0	<50.0
Iron	50.0		1300 JL	1000	<50.0	<50.0
Magnesium	250		4700	4600	4560	4590
Manganese	10.0		83	81	105	106
Molybdenum	50.0		<50	<50	<50.0	<50.0
Nickel	50.0		<50	<50	<50.0	<50.0
Potassium	600		1900	1800	2090	2140
Silver	50.0		<50	<50	<50.0	<50.0
Sodium	250		33000	32000	30700	31300
Vanadium	50.0		<50	<50	<50.0	<50.0
Zinc	10.0		74 J	50 J	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.0	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<10	<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.0	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.0	<5.0	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.00	<5.00
Acetone	5.00		<5.0	<5.0	<5.00	<5.00
Benzene	0.500		<0.50	<0.50	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Bromoform	1.00		<1.0	<1.0	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.0	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.0	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.50	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.50	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: Sample Date: Notes:	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.0	<2.00	<2.00
Chloroform	0.500		0.34 JB	0.36 JB	<0.500	0.273 JQ
Chloromethane	2.00		<2.0	<2.0	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.50	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.50	<0.500	<0.500
Methylene chloride	2.00		1.6 JB	<2.0	<2.00	<2.00
Styrene	0.500		<0.50	<0.50	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Toluene	0.500		<0.50	<0.50	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.0	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.0	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.0	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	93	92	96
sur-Bromofluorobenzene R% (86 - 115)	-		94	98	91	94
sur-Toluene-d8 R% (88 - 110)	-		99	101	96	99
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<11	<10.2	<10.2
1,2-Dichlorobenzene	10.0		<11	<11	<10.2	<10.2
1,3-Dichlorobenzene	10.0		<11	<11	<10.2	<10.2
1,4-Dichlorobenzene	10.0		<11	<11	<10.2	<10.2
2,4,5-Trichlorophenol	20.0		<21	<22	<20.4	<20.4
2,4,6-Trichlorophenol	10.0		<11	<11	<10.2	<10.2
2,4-Dichlorophenol	10.0		<11	<11	<10.2	<10.2
2,4-Dimethylphenol	10.0		<11	<11	<10.2	<10.2
2,4-Dinitrophenol	50.0		<53	<54	<51.0 J	<51.0 J
2,4-Dinitrotoluene	10.0		<11	<11	<10.2	<10.2
2,6-Dinitrotoluene	10.0		<11	<11	<10.2	<10.2
2-Chloronaphthalene	10.0		<11	<11	<10.2	<10.2
2-Chlorophenol	10.0		<11	<11	<10.2	<10.2
2-Methylnaphthalene	10.0		<11	<11	<10.2	<10.2
2-Methylphenol	10.0		<11	<11	<10.2	<10.2
2-Nitroaniline	50.0		<53	<54	<51.0	<51.0
2-Nitrophenol	10.0		<11	<11	<10.2	<10.2
3,3'-Dichlorobenzidine	20.0		<21	<22	<20.4	<20.4
3-Nitroaniline	50.0		<53	<54	<51.0	<51.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<54	<51.0	<51.0
4-Bromophenyl phenyl ether	10.0		<11	<11	<10.2	<10.2
4-Chloro-3-methylphenol	10.0		<11	<11	<10.2	<10.2
4-Chloroaniline	20.0		<21	<22	<20.4	<20.4
4-Chlorophenyl phenyl ether	10.0		<11	<11	<10.2	<10.2
4-Methylphenol	10.0		<11	<11	<10.2	<10.2
4-Nitroaniline	50.0		<53	<54	<51.0 J	<51.0 J
4-Nitrophenol	50.0		<53	<54	<51.0 J	<51.0 J
Acenaphthene	10.0		<11	<11	<10.2	<10.2
Acenaphthylene	10.0		<11	<11	<10.2	<10.2
Anthracene	10.0		<11	<11	<10.2	<10.2
Benz(a)anthracene	10.0		<11	<11	<10.2	<10.2
Benzo(a)pyrene	10.0		<11	<11	<10.2	<10.2
Benzo(b)fluoranthene	10.0		<11	<11	<10.2	<10.2
Benzo(g,h,i)perylene	10.0		<11	<11	<10.2	<10.2
Benzo(k)fluoranthene	10.0		<11	<11	<10.2	<10.2
Benzoic acid	50.0		<53	<54 J	<51.0	<51.0
Benzyl alcohol	20.0		<21	<22	<20.4	<20.4
Butyl benzyl phthalate	10.0		<11	<11	6.06 JQ	5.96 JQ
Chrysene	10.0		<11	<11	<10.2	<10.2
Di-n-butylphthalate	10.0		<11	<11	<10.2	<10.2
Di-n-octylphthalate	10.0		<11	<11	<10.2	<10.2
Dibenz(a,h)anthracene	10.0		<11	<11	<10.2	<10.2
Dibenzofuran	10.0		<11	<11	<10.2	<10.2
Diethylphthalate	10.0		<11	<11	<10.2	<10.2
Dimethylphthalate	10.0		<11	<11	<10.2	<10.2
Fluoranthene	10.0		<11	<11	<10.2	<10.2
Fluorene	10.0		<11	<11	<10.2	<10.2
Hexachlorobenzene	10.0		<11	<11	<10.2	<10.2
Hexachlorobutadiene	10.0		<11	<11	<10.2	<10.2
Hexachlorocyclopentadiene	10.0		<11	<11 J	<10.2 J	<10.2 J
Hexachloroethane	10.0		<11	<11	<10.2	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<11	<11	<10.2	<10.2
Isophorone	10.0		<11	<11	<10.2	<10.2
Naphthalene	10.0		<11	<11	<10.2	<10.2
Nitrobenzene	10.0		<11	<11	<10.2	<10.2
Pentachlorophenol	30.0		<32	<32	<30.6	<30.6
Phenanthrene	10.0		<11	<11	<10.2	<10.2
Phenol	10.0		<11	<11	<10.2	<10.2
Pyrene	10.0		<11	<11	<10.2	<10.2
bis(2-Chloroethoxy)methane	10.0		<11	<11	<10.2	<10.2
bis(2-Chloroethyl)ether	10.0		<11	<11	<10.2	<10.2
bis(2-Chloroisopropyl)ether	10.0		<11	<11	<10.2	<10.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-05 10-APR-95	FDUP-4 10-APR-95 Duplicate of SD13-05	SD13-05 16-JUL-95	FDUP-4 16-JUL-95 Duplicate of SD13-05
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<11	<10.2	<10.2
n-Nitrosodinpropylamine	10.0		<11	<11	<10.2	<10.2
n-Nitrosodiphenylamine	10.0		<11	<11	<10.2	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		57	65	60	59
sur-2-Fluorobiphenyl R% (43 - 116)	-		47	59	62	62
sur-2-Fluorophenol R% (21 - 100)	-		49	53	64	61
sur-Nitrobenzene-d5 R% (35 - 114)	-		54	58	71	67
sur-Phenol-d6 R% (10 - 94)	-		49	55	70	66
sur-Terphenyl-d14 R% (38 - 141)	-		58	65	67	67

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	554	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		189	202	171	183
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0
Calcium	100		128000	133000	133000	125000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0
Iron	50.0		431 J	151 J	1190 J	688 J
Magnesium	250		4170	4400	4240	4100
Manganese	10.0		98.0	102	141	118
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		2420 JH	2550 JH	1770	1680
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		22900	23700	21700	21300
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		26.0	19.0	26.0	19.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-05	FDUP-4	SD13-05	FDUP-4
		Sample Date :	23-OCT-95	23-OCT-95	12-JAN-96	12-JAN-96
		Notes :		Duplicate of SD13-05		Duplicate of SD13-05
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: Sample Date: Notes:	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00 R	<5.00 R	<5.00 R	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	0.214 JQ	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95.0	94.0	96.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		98.0	99.0	97.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		99.0	100.0	99.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10.0	<10.2	<11.1	<11.4
1,2-Dichlorobenzene	10.0		<10.0	<10.2	<11.1	<11.4
1,3-Dichlorobenzene	10.0		<10.0	<10.2	<11.1	<11.4
1,4-Dichlorobenzene	10.0		<10.0	<10.2	<11.1	<11.4
2,4,5-Trichlorophenol	20.0		<20.0	<20.4	<22.2	<22.7
2,4,6-Trichlorophenol	10.0		<10.0	<10.2	<11.1	<11.4
2,4-Dichlorophenol	10.0		<10.0	<10.2	<11.1	<11.4
2,4-Dimethylphenol	10.0		<10.0	<10.2	<11.1 JL	<11.4 JL
2,4-Dinitrophenol	50.0		<50.0	<51.0	<55.6	<56.8
2,4-Dinitrotoluene	10.0		<10.0	<10.2	<11.1	<11.4
2,6-Dinitrotoluene	10.0		<10.0	<10.2	<11.1	<11.4
2-Chloronaphthalene	10.0		<10.0	<10.2	<11.1	<11.4
2-Chlorophenol	10.0		<10.0	<10.2	<11.1	<11.4
2-Methylnaphthalene	10.0		<10.0	<10.2	<11.1	<11.4
2-Methylphenol	10.0		<10.0	<10.2	<11.1	<11.4
2-Nitroaniline	50.0		<50.0	<51.0	<55.6	<56.8
2-Nitrophenol	10.0		<10.0	<10.2	<11.1	<11.4
3,3'-Dichlorobenzidine	20.0		<20.0	<20.4	<22.2 J	<22.7 J
3-Nitroaniline	50.0		<50.0	<51.0	<55.6	<56.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50.0	<51.0	<55.6	<56.8
4-Bromophenyl phenyl ether	10.0		<10.0	<10.2	<11.1	<11.4
4-Chloro-3-methylphenol	10.0		<10.0	<10.2	<11.1	<11.4
4-Chloroaniline	20.0		<20.0 J	<20.4 J	<22.2 J	<22.7 J
4-Chlorophenyl phenyl ether	10.0		<10.0	<10.2	<11.1	<11.4
4-Methylphenol	10.0		<10.0	<10.2	<11.1	<11.4
4-Nitroaniline	50.0		<50.0	<51.0	<55.6	<56.8
4-Nitrophenol	50.0		<50.0	<51.0	<55.6	<56.8
Acenaphthene	10.0		<10.0	<10.2	0.960 JQ	<11.4
Acenaphthylene	10.0		<10.0	<10.2	<11.1	<11.4
Anthracene	10.0		<10.0	<10.2	<11.1	<11.4
Benz(a)anthracene	10.0		<10.0	<10.2	1.23 JQ	<11.4
Benzo(a)pyrene	10.0		<10.0	<10.2	<11.1	<11.4
Benzo(b)fluoranthene	10.0		<10.0	<10.2	<11.1	<11.4
Benzo(g,h,i)perylene	10.0		<10.0	<10.2	<11.1	<11.4
Benzo(k)fluoranthene	10.0		<10.0	<10.2	<11.1	<11.4
Benzoic acid	50.0		<50.0	<51.0	<55.6	<56.8
Benzyl alcohol	20.0		<20.0	<20.4	<22.2	<22.7
Butyl benzyl phthalate	10.0		8.80 JQ	9.76 JQ	7.09 JQ	3.02 JQ
Chrysene	10.0		<10.0	<10.2	<11.1	<11.4
Di-n-butylphthalate	10.0		<10.0	<10.2	<11.1	<11.4
Di-n-octylphthalate	10.0		<10.0	<10.2	<11.1	<11.4
Dibenz(a,h)anthracene	10.0		<10.0	<10.2	<11.1	<11.4
Dibenzofuran	10.0		<10.0	<10.2	<11.1	<11.4
Diethylphthalate	10.0		<10.0	<10.2	<11.1	<11.4
Dimethylphthalate	10.0		<10.0	<10.2	<11.1	<11.4
Fluoranthene	10.0		<10.0	<10.2	<11.1	<11.4
Fluorene	10.0		<10.0	<10.2	<11.1	<11.4
Hexachlorobenzene	10.0		<10.0	<10.2	<11.1	<11.4
Hexachlorobutadiene	10.0		<10.0	<10.2	<11.1	<11.4
Hexachlorocyclopentadiene	10.0		<10.0 R	<10.2 R	<11.1 R	<11.4 R
Hexachloroethane	10.0		<10.0	<10.2	<11.1 JL	<11.4 JL
Indeno(1,2,3-cd)pyrene	10.0		<10.0	<10.2	<11.1	<11.4
Isophorone	10.0		<10.0	<10.2	<11.1	<11.4
Naphthalene	10.0		<10.0	<10.2	<11.1	<11.4
Nitrobenzene	10.0		<10.0	<10.2	<11.1	<11.4
Pentachlorophenol	30.0		<30.0	<30.6	<33.3	<34.1
Phenanthrene	10.0		<10.0	<10.2	<11.1 JL	<11.4 JL
Phenol	10.0		6.32 JQ	2.76 JQ	<11.1	<11.4
Pyrene	10.0		<10.0	<10.2	1.08 JQ	<11.4
bis(2-Chloroethoxy)methane	10.0		<10.0	<10.2	<11.1	<11.4
bis(2-Chloroethyl)ether	10.0		<10.0	<10.2	<11.1	<11.4
bis(2-Chloroisopropyl)ether	10.0		<10.0 JL	<10.2 JL	<11.1	<11.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-05 23-OCT-95	FDUP-4 23-OCT-95 Duplicate of SD13-05	SD13-05 12-JAN-96	FDUP-4 12-JAN-96 Duplicate of SD13-05
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10.0	<10.2	<11.1	10.7 JQ
n-Nitrosodinpropylamine	10.0		<10.0	<10.2	<11.1	<11.4
n-Nitrosodiphenylamine	10.0		<10.0	<10.2	<11.1	<11.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		64.0	69.3	70.1	55.2
sur-2-Fluorobiphenyl R% (43 - 116)	-		69.0	74.0	74.1	60.8
sur-2-Fluorophenol R% (21 - 100)	-		56.0	65.0	57.9	42.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		62.0	69.0	60.1	45.9
sur-Phenol-d6 R% (10 - 94)	-		62.0	71.3	58.9	46.1
sur-Terphenyl-d14 R% (38 - 141)	-		63.0	69.0	74.1	60.8

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		720	664	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		240	266	202	204
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		200000	206000	164000	136000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		1200	3740	8750	3190
Magnesium	250		12000	12200	10800	9410
Manganese	10.0		330	459	270	255
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		950	1240	1050	804
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		28000	27400	23500	23400
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		25	30.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	8.28	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		0.47 JQ	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		2.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		99	94	98.0	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		97	91	99.0	100.0
sur-Toluene-d8 R% (88 - 110)	-		101	98	100.0	101.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.6	<10.6	<11.4
1,2-Dichlorobenzene	10.0		<10	<10.6	<10.6	<11.4
1,3-Dichlorobenzene	10.0		<10	<10.6	<10.6	<11.4
1,4-Dichlorobenzene	10.0		<10	<10.6	<10.6	<11.4
2,4,5-Trichlorophenol	20.0		<20	<21.3	<21.3	<22.7
2,4,6-Trichlorophenol	10.0		<10	<10.6	<10.6	<11.4
2,4-Dichlorophenol	10.0		<10	<10.6	<10.6	<11.4
2,4-Dimethylphenol	10.0		<10	<10.6	<10.6	<11.4 JL
2,4-Dinitrophenol	50.0		<50	<53.2 J	<53.2 J	<56.8
2,4-Dinitrotoluene	10.0		<10	<10.6	<10.6	<11.4
2,6-Dinitrotoluene	10.0		<10	<10.6	<10.6	<11.4
2-Chloronaphthalene	10.0		<10	<10.6	<10.6	<11.4
2-Chlorophenol	10.0		<10	<10.6	<10.6	<11.4
2-Methylnaphthalene	10.0		<10	<10.6	<10.6	<11.4
2-Methylphenol	10.0		<10	<10.6	<10.6	<11.4
2-Nitroaniline	50.0		<50 J	<53.2	<53.2	<56.8
2-Nitrophenol	10.0		<10	<10.6	<10.6	<11.4
3,3'-Dichlorobenzidine	20.0		<20	<21.3	<21.3 J	<22.7 J
3-Nitroaniline	50.0		<50 J	<53.2	<53.2	<56.8

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: Sample Date: Notes:	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50	<53.2	<53.2	<56.8
4-Bromophenyl phenyl ether	10.0		<10	<10.6	<10.6	<11.4
4-Chloro-3-methylphenol	10.0		<10	<10.6	<10.6	<11.4
4-Chloroaniline	20.0		<20	<21.3	<21.3	<22.7 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.6	<10.6	<11.4
4-Methylphenol	10.0		<10	<10.6	<10.6	<11.4
4-Nitroaniline	50.0		<50 J	<53.2 J	<53.2	<56.8
4-Nitrophenol	50.0		<50	<53.2 J	<53.2	<56.8
Acenaphthene	10.0		<10	0.685 JQ	<10.6	<11.4
Acenaphthylene	10.0		<10	<10.6	<10.6	<11.4
Anthracene	10.0		<10	<10.6	<10.6	<11.4
Benz(a)anthracene	10.0		<10	<10.6	<10.6	<11.4
Benzo(a)pyrene	10.0		<10	<10.6	<10.6	<11.4
Benzo(b)fluoranthene	10.0		<10	<10.6	<10.6	<11.4
Benzo(g,h,i)perylene	10.0		<10	<10.6	<10.6	<11.4
Benzo(k)fluoranthene	10.0		<10	<10.6	<10.6	<11.4
Benzoic acid	50.0		<50	<53.2	<53.2	<56.8
Benzyl alcohol	20.0		<20	<21.3	<21.3	<22.7
Butyl benzyl phthalate	10.0		<10	1.00 JQ	<10.6	6.86 JQ
Chrysene	10.0		<10	<10.6	<10.6	<11.4
Di-n-butylphthalate	10.0		<10	<10.6	<10.6	<11.4
Di-n-octylphthalate	10.0		<10	<10.6	<10.6	<11.4
Dibenz(a,h)anthracene	10.0		<10	<10.6	<10.6	<11.4
Dibenzofuran	10.0		<10	<10.6	<10.6	<11.4
Diethylphthalate	10.0		<10	<10.6	<10.6	<11.4
Dimethylphthalate	10.0		<10	<10.6	<10.6	<11.4
Fluoranthene	10.0		<10	<10.6	<10.6	<11.4
Fluorene	10.0		<10	<10.6	<10.6	<11.4
Hexachlorobenzene	10.0		<10	<10.6	<10.6	<11.4
Hexachlorobutadiene	10.0		<10	<10.6	<10.6	<11.4
Hexachlorocyclopentadiene	10.0		<10	<10.6 J	<10.6 R	<11.4 R
Hexachloroethane	10.0		<10	<10.6	<10.6	<11.4 JL
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.6	<10.6	<11.4
Isophorone	10.0		<10	<10.6	<10.6	<11.4
Naphthalene	10.0		<10	7.21 JQ	<10.6	<11.4
Nitrobenzene	10.0		<10	<10.6	<10.6	<11.4
Pentachlorophenol	30.0		<30	<31.9	<31.9	<34.1
Phenanthrene	10.0		<10	<10.6	<10.6	<11.4 JL
Phenol	10.0		<10	<10.6	<10.6	<11.4
Pyrene	10.0		<10	0.652 JQ	<10.6	<11.4
bis(2-Chloroethoxy)methane	10.0		<10	<10.6	<10.6	<11.4
bis(2-Chloroethyl)ether	10.0		<10	<10.6	<10.6	<11.4
bis(2-Chloroisopropyl)ether	10.0		<10	<10.6	<10.6	<11.4

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-06 18-OCT-95	SD13-06 12-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.6	<10.6	<11.4
n-Nitrosodinpropylamine	10.0		<10	<10.6	<10.6	<11.4
n-Nitrosodiphenylamine	10.0		<10	<10.6	<10.6	<11.4
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	67	85.6	59.4
sur-2-Fluorobiphenyl R% (43 - 116)	-		75	66	87.4	51.8
sur-2-Fluorophenol R% (21 - 100)	-		83	64	55.9	41.1
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	70	79.2	46.8
sur-Phenol-d6 R% (10 - 94)	-		65	67	65.6	46.1
sur-Terphenyl-d14 R% (38 - 141)	-		75	71	86.3	48.9

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	500		<500	<500	2090
Antimony	250		<250	<250	<250
Barium	20.0		170	186	219
Beryllium	3.00		<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0
Calcium	100		150000	<100	180000
Chromium	50.0		<50	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0
Iron	50.0		5300	6410	8360
Magnesium	250		7300	6510	6940
Manganese	10.0		530	625	675
Molybdenum	50.0		<50	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0
Potassium	600		1400	1210	1620
Silver	50.0		<50	<50.0	<50.0
Sodium	250		42000	25900	26500
Vanadium	50.0		<50	<50.0	<50.0
Zinc	10.0		<10	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	5.00		<5.0	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	5.00		5.6	8.12	161
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)					
Mercury	0.500		<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)					
Selenium	5.00		<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)					
Thallium	2.00		<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)					
4,4'-DDD	0.100		-	-	-
4,4'-DDE	0.0400		-	-	-
4,4'-DDT	0.100		-	-	-
AR1016	1.00		-	-	-
AR1221	1.00		-	-	-
AR1232	1.00		-	-	-
AR1242	1.00		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.					
AR1248	1.00		-	-	-
AR1254	1.00		-	-	-
AR1260	1.00		-	-	-
Aldrin	0.0400		-	-	-
Chlordane	0.500		-	-	-
Dieldrin	0.0200		-	-	-
Endosulfan I	0.0500		-	-	-
Endosulfan II	0.0400		-	-	-
Endosulfan sulfate	0.100		-	-	-
Endrin	0.0600		-	-	-
Endrin aldehyde	0.100		-	-	-
Heptachlor	0.0300		-	-	-
Heptachlor epoxide	0.0500		-	-	-
Methoxychlor	0.500		-	-	-
Toxaphene	2.00		-	-	-
alpha-BHC	0.0300		-	-	-
beta-BHC	0.0500		-	-	-
delta-BHC	0.0500		-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-
% Surrogate Recovery (Control Limit)					
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		<5.0	<5.00	-
1,1,2,2-Tetrachloroethane	0.500		<5.0	<5.00	-
1,1,2-Trichloroethane	1.00		<5.0	<5.00	-
1,1-Dichloroethane	0.500		<5.0	<5.00	-
1,1-Dichloroethene	0.500		<5.0	<5.00	-
1,2-Dichloroethane	1.00		<5.0	<5.00	-
1,2-Dichloropropane	0.500		<5.0	<5.00	-
2-Butanone (MEK)	5.00		<10	<10.0	-
2-Chloroethyl vinyl ether	5.00		<10	<10.0 J	-
2-Hexanone	5.00		<10	<10.0	-
4-Methyl-2-pentanone	5.00		<10	<10.0	-
Acetone	5.00		<10	<10.0	-
Benzene	0.500		<5.0	<5.00	-
Bromodichloromethane	0.500		<5.0	<5.00	-
Bromoform	1.00		<5.0	<5.00	-
Bromomethane	2.00		<10	<10.0	-
Carbon disulfide	1.00		<5.0	<5.00	-
Carbon tetrachloride	0.500		<5.0	<5.00	-
Chlorobenzene	0.500		<5.0	<5.00	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.					
Chloroethane	2.00		<10	<10.0	-
Chloroform	0.500		<5.0	<5.00	-
Chloromethane	2.00		<10	<10.0	-
Dibromochloromethane	0.500		<5.0	<5.00	-
Ethylbenzene	0.500		<5.0	<5.00	-
Methylene chloride	2.00		14 JB	<5.00	-
Styrene	0.500		<5.0	<5.00	-
Tetrachloroethene	0.500		<5.0	<5.00	-
Toluene	0.500		<5.0	<5.00	-
Trichloroethene	0.500		<5.0	<5.00	-
Vinyl acetate	5.00		<10	<10.0	-
Vinyl chloride	2.00		<10	<10.0	-
Xylenes (total)	1.00		<5.0	<5.00	-
cis-1,2-Dichloroethene	0.500		<5.0	<5.00	-
cis-1,3-Dichloropropene	0.500		<5.0	<5.00	-
trans-1,2-Dichloroethene	0.500		<5.0	<5.00	-
trans-1,3-Dichloropropene	0.500		<5.0	<5.00	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	111	-
sur-Bromofluorobenzene R% (86 - 115)	-		92	103	-
sur-Toluene-d8 R% (88 - 110)	-		107	102	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		-	-	<2.50
1,1,2,2-Tetrachloroethane	0.500		-	-	<2.50
1,1,2-Trichloroethane	1.00		-	-	<5.00
1,1-Dichloroethane	0.500		-	-	<2.50
1,1-Dichloroethene	0.500		-	-	<2.50
1,2-Dichloroethane	1.00		-	-	<5.00
1,2-Dichloropropane	0.500		-	-	<2.50
2-Butanone	5.00		-	-	<25.0
2-Chloroethyl vinyl ether	5.00		-	-	<25.0
2-Hexanone	5.00		-	-	<25.0
4-Methyl-2-pentanone	5.00		-	-	<25.0
Acetone	5.00		-	-	<25.0
Benzene	0.500		-	-	<2.50
Bromodichloromethane	0.500		-	-	<2.50
Bromoform	1.00		-	-	<5.00
Bromomethane	2.00		-	-	<10.0
Carbon disulfide	1.00		-	-	<5.00
Carbon tetrachloride	0.500		-	-	<2.50
Chlorobenzene	0.500		-	-	<2.50

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.					
Chloroethane	2.00		-	-	<10.0
Chloroform	0.500		-	-	<2.50
Chloromethane	2.00		-	-	<10.0
Dibromochloromethane	0.500		-	-	<2.50
Ethylbenzene	0.500		-	-	<2.50
Methylene chloride	2.00		-	-	<10.0
Styrene	0.500		-	-	<2.50
Tetrachloroethene	0.500		-	-	<2.50
Toluene	0.500		-	-	<2.50
Trichloroethene	0.500		-	-	<2.50
Vinyl acetate	5.00		-	-	<25.0
Vinyl chloride	2.00		-	-	<10.0
Xylenes (total)	1.00		-	-	<5.00
cis-1,2-Dichloroethene	0.500		-	-	<2.50
cis-1,3-Dichloropropene	0.500		-	-	<2.50
trans-1,2-Dichloroethene	0.500		-	-	<2.50
trans-1,3-Dichloropropene	0.500		-	-	<2.50
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	96.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	108.0
sur-Toluene-d8 R% (88 - 110)	-		-	-	104.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
1,2,4-Trichlorobenzene	10.0		<10	<11.4	<1000
1,2-Dichlorobenzene	10.0		<10	<11.4	<1000
1,3-Dichlorobenzene	10.0		<10	<11.4	<1000
1,4-Dichlorobenzene	10.0		<10	<11.4	<1000
2,4,5-Trichlorophenol	20.0		<21	<22.7	<2000
2,4,6-Trichlorophenol	10.0		<10	<11.4	<1000
2,4-Dichlorophenol	10.0		<10	<11.4	<1000
2,4-Dimethylphenol	10.0		<10	<11.4	<1000 JL
2,4-Dinitrophenol	50.0		<53	<56.8 J	<5000 J
2,4-Dinitrotoluene	10.0		<10	<11.4	<1000
2,6-Dinitrotoluene	10.0		<10	<11.4	<1000
2-Chloronaphthalene	10.0		<10	<11.4	<1000
2-Chlorophenol	10.0		<10	<11.4	<1000
2-Methylnaphthalene	10.0		22	57.0	493 JQ
2-Methylphenol	10.0		<10	<11.4	<1000
2-Nitroaniline	50.0		<53 J	<56.8	<5000
2-Nitrophenol	10.0		<10	<11.4	<1000
3,3'-Dichlorobenzidine	20.0		<21	<22.7 J	<2000
3-Nitroaniline	50.0		<53 J	<56.8	<5000

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
4,6-Dinitro-2-methylphenol	50.0		<53	<56.8	<5000
4-Bromophenyl phenyl ether	10.0		<10	<11.4	<1000
4-Chloro-3-methylphenol	10.0		<10	<11.4	<1000
4-Chloroaniline	20.0		<21	<22.7	<2000
4-Chlorophenyl phenyl ether	10.0		<10	<11.4	<1000
4-Methylphenol	10.0		<10	<11.4	<1000
4-Nitroaniline	50.0		<53 J	<56.8 J	<5000
4-Nitrophenol	50.0		<53	<56.8	<5000
Acenaphthene	10.0		1.0 JQ	2.53 JQ	<1000
Acenaphthylene	10.0		<10	<11.4	33.3 JQ
Anthracene	10.0		<10	<11.4	<1000
Benz(a)anthracene	10.0		<10	<11.4	<1000
Benzo(a)pyrene	10.0		<10	<11.4	<1000
Benzo(b)fluoranthene	10.0		<10	<11.4	<1000
Benzo(g,h,i)perylene	10.0		<10	<11.4	<1000
Benzo(k)fluoranthene	10.0		<10	<11.4	<1000
Benzoic acid	50.0		<53	<56.8	<5000
Benzyl alcohol	20.0		<21	<22.7	<2000 R
Butyl benzyl phthalate	10.0		<10	<11.4	<1000
Chrysene	10.0		<10	<11.4	<1000
Di-n-butylphthalate	10.0		<10	<11.4	<1000
Di-n-octylphthalate	10.0		<10	<11.4	<1000
Dibenz(a,h)anthracene	10.0		<10	<11.4	<1000
Dibenzofuran	10.0		1.8 JQ	3.07 JQ	<1000
Diethylphthalate	10.0		<10	<11.4	<1000
Dimethylphthalate	10.0		<10	<11.4	<1000
Fluoranthene	10.0		<10	<11.4	<1000
Fluorene	10.0		0.80 JQ	1.73 JQ	<1000
Hexachlorobenzene	10.0		<10	<11.4	<1000
Hexachlorobutadiene	10.0		<10	<11.4	<1000
Hexachlorocyclopentadiene	10.0		<10	<11.4	<1000 R
Hexachloroethane	10.0		<10	<11.4	<1000
Indeno(1,2,3-cd)pyrene	10.0		<10	<11.4	<1000
Isophorone	10.0		<10	<11.4	<1000
Naphthalene	10.0		<10	5.43 JQ	<1000
Nitrobenzene	10.0		<10	<11.4	<1000
Pentachlorophenol	30.0		<32	<34.1	<3000
Phenanthrene	10.0		<10	<11.4	<1000
Phenol	10.0		<10	<11.4	<1000
Pyrene	10.0		<10	<11.4	<1000
bis(2-Chloroethoxy)methane	10.0		<10	<11.4	<1000
bis(2-Chloroethyl)ether	10.0		<10	<11.4	<1000
bis(2-Chloroisopropyl)ether	10.0		<10	<11.4	<1000 JL

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	SD13-07 08-APR-95	SD13-07 16-JUL-95	SD13-07 17-OCT-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	10.0		5.6 JQ	8.33 JQ	<1000
n-Nitrosodinpropylamine	10.0		<10	<11.4	<1000
n-Nitrosodiphenylamine	10.0		<10	<11.4	<1000
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol R% (10 - 123)	-		74	74	0
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	70	0
sur-2-Fluorophenol R% (21 - 100)	-		84	77	0
sur-Nitrobenzene-d5 R% (35 - 114)	-		77	96	0
sur-Phenol-d6 R% (10 - 94)	-		66	78	0
sur-Terphenyl-d14 R% (38 - 141)	-		72	92	0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		22000	29100	<500	47500
Antimony	250		<250	<250	<250	<250
Barium	20.0		310	370	158	545
Beryllium	3.00		3.0	4.00	<3.00	7.00
Cadmium	10.0		11	<10.0	<10.0	<10.0
Calcium	100		190000	35300	96300	509000
Chromium	50.0		<50	<50.0	<50.0	67.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	81.0
Iron	50.0		70000	98700	604	182000
Magnesium	250		27000	32300	23000	42400
Manganese	10.0		1700	3080	941	5760
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		57	80.0	<50.0	118
Potassium	600		7600	9260	4020	12500
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		25000	26000	28200	27300
Vanadium	50.0		100	160	<50.0	317
Zinc	10.0		110	137	<10.0	255
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	1.68
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		25	40.6	<5.00	63.9
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.7 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		0.44 JQ	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	1.11	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		91	94	93.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	95	93.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		100	99	100.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.8	<10.0	<11.2
1,2-Dichlorobenzene	10.0		<11	<10.8	<10.0	<11.2
1,3-Dichlorobenzene	10.0		<11	<10.8	<10.0	<11.2
1,4-Dichlorobenzene	10.0		<11	<10.8	<10.0	<11.2
2,4,5-Trichlorophenol	20.0		<23	<21.5	<20.0	<22.5
2,4,6-Trichlorophenol	10.0		<11	<10.8	<10.0	<11.2
2,4-Dichlorophenol	10.0		<11	<10.8	<10.0	<11.2
2,4-Dimethylphenol	10.0		<11	<10.8	<10.0	<11.2
2,4-Dinitrophenol	50.0		<57	<53.8 J	<50.0	<56.2
2,4-Dinitrotoluene	10.0		<11	<10.8	<10.0	<11.2
2,6-Dinitrotoluene	10.0		<11	<10.8	<10.0	<11.2
2-Chloronaphthalene	10.0		<11	<10.8	<10.0	<11.2
2-Chlorophenol	10.0		<11	<10.8	<10.0	<11.2
2-Methylnaphthalene	10.0		<11	<10.8	<10.0	<11.2
2-Methylphenol	10.0		<11	<10.8	<10.0	<11.2
2-Nitroaniline	50.0		<57	<53.8	<50.0	<56.2
2-Nitrophenol	10.0		<11	<10.8	<10.0	<11.2
3,3'-Dichlorobenzidine	20.0		<23	<21.5 J	<20.0	<22.5
3-Nitroaniline	50.0		<57	<53.8	<50.0	<56.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<57	<53.8	<50.0	<56.2
4-Bromophenyl phenyl ether	10.0		<11	<10.8	<10.0	<11.2
4-Chloro-3-methylphenol	10.0		<11	<10.8	<10.0	<11.2 J
4-Chloroaniline	20.0		<23 J	<21.5	<20.0 J	<22.5
4-Chlorophenyl phenyl ether	10.0		<11	<10.8	<10.0	<11.2
4-Methylphenol	10.0		<11	<10.8	<10.0	<11.2
4-Nitroaniline	50.0		<57	<53.8 J	<50.0	<56.2
4-Nitrophenol	50.0		<57	<53.8 J	<50.0	<56.2
Acenaphthene	10.0		<11	<10.8	<10.0	<11.2
Acenaphthylene	10.0		<11	<10.8	<10.0	<11.2
Anthracene	10.0		<11	<10.8	<10.0	<11.2
Benz(a)anthracene	10.0		<11	<10.8	<10.0	<11.2
Benzo(a)pyrene	10.0		<11	<10.8	<10.0	<11.2
Benzo(b)fluoranthene	10.0		<11	<10.8	<10.0	<11.2
Benzo(g,h,i)perylene	10.0		<11	<10.8	<10.0	<11.2
Benzo(k)fluoranthene	10.0		<11	<10.8	<10.0	<11.2
Benzoic acid	50.0		<57 R	<53.8	<50.0	<56.2
Benzyl alcohol	20.0		<23	<21.5	<20.0	<22.5
Butyl benzyl phthalate	10.0		<11	1.80 JQ	47.2	<11.2
Chrysene	10.0		<11	<10.8	<10.0	<11.2
Di-n-butylphthalate	10.0		<11	0.656 JQ	<10.0	<11.2
Di-n-octylphthalate	10.0		<11	<10.8	<10.0	<11.2
Dibenz(a,h)anthracene	10.0		<11	<10.8	<10.0	<11.2
Dibenzofuran	10.0		<11	<10.8	<10.0	<11.2
Diethylphthalate	10.0		<11	<10.8	<10.0	<11.2
Dimethylphthalate	10.0		<11	<10.8	<10.0	<11.2
Fluoranthene	10.0		<11	<10.8	<10.0	<11.2
Fluorene	10.0		<11	<10.8	<10.0	<11.2
Hexachlorobenzene	10.0		<11	<10.8	<10.0	<11.2
Hexachlorobutadiene	10.0		<11	<10.8	<10.0	<11.2
Hexachlorocyclopentadiene	10.0		<11	<10.8 J	<10.0 R	<11.2 R
Hexachloroethane	10.0		<11	<10.8	<10.0	<11.2
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.8	<10.0	<11.2
Isophorone	10.0		<11	<10.8	<10.0	<11.2
Naphthalene	10.0		<11	<10.8	<10.0	<11.2
Nitrobenzene	10.0		<11	<10.8	<10.0	<11.2
Pentachlorophenol	30.0		<34	<32.2	<30.0	<33.7
Phenanthrene	10.0		<11	<10.8	<10.0	<11.2
Phenol	10.0		<11	<10.8	<10.0	<11.2
Pyrene	10.0		<11	<10.8	<10.0	<11.2
bis(2-Chloroethoxy)methane	10.0		<11	<10.8	<10.0	<11.2
bis(2-Chloroethyl)ether	10.0		<11	<10.8	<10.0	<11.2
bis(2-Chloroisopropyl)ether	10.0		<11	<10.8	<10.0	<11.2

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	P3A 11-APR-95	P3A 15-JUL-95	P3A 21-OCT-95	P3A 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.8	<10.0	<11.2
n-Nitrosodinpropylamine	10.0		<11	<10.8	<10.0	<11.2
n-Nitrosodiphenylamine	10.0		<11	<10.8	<10.0	<11.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		69	48	73.3	38.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		71	53	72.0	53.2
sur-2-Fluorophenol R% (21 - 100)	-		43	49	61.0	35.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		63	54	70.0	47.1
sur-Phenol-d6 R% (10 - 94)	-		27	53	64.0	36.9
sur-Terphenyl-d14 R% (38 - 141)	-		74	62	74.0	46.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		4000	27700	21800	17800
Antimony	250		<250	<250	<250	<250
Barium	20.0		91	240	219	186
Beryllium	3.00		<3.0	3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		120000	<1000	240000	247000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		8300	61700	50200	44100
Magnesium	250		11000	16300	15200	14700
Manganese	10.0		450	2520	2280	2200
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	62.0	<50.0	<50.0
Potassium	600		11000	7930	8230	5830
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		38000	32000	34200	33800
Vanadium	50.0		<50	100	64.0	76.0
Zinc	10.0		190	136	135	108
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	34.0	26.8	25.4
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: / Sample Date: / Notes:	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00 J
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 J	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00 J
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00 J
Acetone	5.00		<5.0	<5.00	<5.00	<5.00 J
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		0.57	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	6.76	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	0.374 JQ	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		94	94	100.0	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		92	91	100.0	92.0
sur-Toluene-d8 R% (88 - 110)	-		100	96	100.0	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.3	<10.2	<12.0
1,2-Dichlorobenzene	10.0		<12	<10.3	<10.2	<12.0
1,3-Dichlorobenzene	10.0		<12	<10.3	<10.2	<12.0
1,4-Dichlorobenzene	10.0		<12	<10.3	<10.2	<12.0
2,4,5-Trichlorophenol	20.0		<24	<20.6	<20.4	<24.1
2,4,6-Trichlorophenol	10.0		<12	<10.3	<10.2	<12.0
2,4-Dichlorophenol	10.0		<12	<10.3	<10.2	<12.0
2,4-Dimethylphenol	10.0		<12	<10.3	<10.2 JL	<12.0
2,4-Dinitrophenol	50.0		<59	<51.6 J	<51.0 R	<60.2
2,4-Dinitrotoluene	10.0		<12	<10.3	<10.2	<12.0
2,6-Dinitrotoluene	10.0		<12	<10.3	<10.2	<12.0
2-Chloronaphthalene	10.0		<12	<10.3	<10.2	<12.0
2-Chlorophenol	10.0		<12	<10.3	<10.2	<12.0
2-Methylnaphthalene	10.0		<12	<10.3	<10.2	<12.0
2-Methylphenol	10.0		<12	<10.3	<10.2	<12.0
2-Nitroaniline	50.0		<59	<51.6	<51.0	<60.2
2-Nitrophenol	10.0		<12	<10.3	<10.2	<12.0
3,3'-Dichlorobenzidine	20.0		<24	<20.6 J	<20.4 J	<24.1
3-Nitroaniline	50.0		<59	<51.6	<51.0	<60.2

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<59	<51.6	<51.0	<60.2
4-Bromophenyl phenyl ether	10.0		<12	<10.3	<10.2	<12.0
4-Chloro-3-methylphenol	10.0		<12	<10.3	<10.2	<12.0
4-Chloroaniline	20.0		<24	<20.6	<20.4	<24.1 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.3	<10.2	<12.0
4-Methylphenol	10.0		<12	<10.3	<10.2	<12.0
4-Nitroaniline	50.0		<59	<51.6 J	<51.0	<60.2
4-Nitrophenol	50.0		<59	<51.6	<51.0	<60.2 J
Acenaphthene	10.0		<12	<10.3	<10.2	<12.0
Acenaphthylene	10.0		<12	<10.3	<10.2	<12.0
Anthracene	10.0		<12	<10.3	<10.2	<12.0
Benz(a)anthracene	10.0		<12	<10.3	<10.2	<12.0
Benzo(a)pyrene	10.0		<12	<10.3	<10.2	<12.0
Benzo(b)fluoranthene	10.0		<12	<10.3	<10.2	<12.0
Benzo(g,h,i)perylene	10.0		<12	<10.3	<10.2	<12.0
Benzo(k)fluoranthene	10.0		<12	<10.3	<10.2	<12.0
Benzoic acid	50.0		<59 R	<51.6	<51.0	<60.2
Benzyl alcohol	20.0		<24	<20.6	<20.4	<24.1
Butyl benzyl phthalate	10.0		<12	6.32 JQ	5.16 JQ	<12.0
Chrysene	10.0		<12	<10.3	<10.2	<12.0
Di-n-butylphthalate	10.0		2.2 JQ	1.95 JH	<10.2	<12.0
Di-n-octylphthalate	10.0		<12	<10.3	<10.2	<12.0
Dibenz(a,h)anthracene	10.0		<12	<10.3	<10.2	<12.0
Dibenzofuran	10.0		<12	<10.3	<10.2	<12.0
Diethylphthalate	10.0		<12	<10.3	<10.2	<12.0
Dimethylphthalate	10.0		<12	<10.3	<10.2	<12.0
Fluoranthene	10.0		<12	<10.3	<10.2	<12.0
Fluorene	10.0		<12	<10.3	<10.2	<12.0
Hexachlorobenzene	10.0		<12	<10.3	<10.2	<12.0
Hexachlorobutadiene	10.0		<12	<10.3	<10.2	<12.0
Hexachlorocyclopentadiene	10.0		<12 J	<10.3 J	<10.2 R	<12.0 R
Hexachloroethane	10.0		<12	<10.3	<10.2 JL	<12.0
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.3	<10.2	<12.0
Isophorone	10.0		<12	<10.3	<10.2	<12.0
Naphthalene	10.0		<12	<10.3	<10.2	<12.0
Nitrobenzene	10.0		<12	<10.3	<10.2	<12.0
Pentachlorophenol	30.0		<35	<30.9	<30.6 R	<36.2
Phenanthrene	10.0		<12	<10.3	<10.2	<12.0
Phenol	10.0		<12	3.87 JQ	6.35 JQ	<12.0
Pyrene	10.0		<12	<10.3	<10.2	<12.0
bis(2-Chloroethoxy)methane	10.0		<12	<10.3	<10.2	<12.0
bis(2-Chloroethyl)ether	10.0		<12	<10.3	<10.2	<12.0
bis(2-Chloroisopropyl)ether	10.0		<12	<10.3	<10.2	<12.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	T3 11-APR-95	T3 14-JUL-95	T3 20-OCT-95	T3 10-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.3	<10.2	<12.0
n-Nitrosodinpropylamine	10.0		<12	<10.3	<10.2	<12.0
n-Nitrosodiphenylamine	10.0		<12	<10.3	<10.2	<12.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		76	75	45.0	54.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		72	85	74.0	86.7
sur-2-Fluorophenol R% (21 - 100)	-		49	87	44.0	68.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	90	62.1	67.3
sur-Phenol-d6 R% (10 - 94)	-		43	84	48.0	59.7
sur-Terphenyl-d14 R% (38 - 141)	-		74	96	79.0	68.3

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T4A 12-APR-95		T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)							
Aluminum	500		230000	J	72100	752	1350
Antimony	250		<250	J	<2500	<250	<250
Barium	20.0		2000	J	<200	61.0	77.0
Beryllium	3.00		30	J	<30.0	<3.00	<3.00
Cadmium	10.0		94	J	16.0	<10.0	<10.0
Calcium	100		8700000	J	<1000	134000	183000
Chromium	50.0		340	J	<500	<50.0	<50.0
Cobalt	50.0		280	J	123	<50.0	<50.0
Copper	50.0		350	J	<500	<50.0	<50.0
Iron	50.0		520000	J	<500	987	3480
Magnesium	250		95000	J	<2500	4430	4790
Manganese	10.0		23000	J	<100	134	242
Molybdenum	50.0		<50	J	<500	<50.0	<50.0
Nickel	50.0		530	J	3470	<50.0	<50.0
Potassium	600		33000	J	12500	1170	1400
Silver	50.0		61	J	<50.0	<50.0	<50.0
Sodium	250		16000	J	13900	12600	14400
Vanadium	50.0		810	J	231	<50.0	<50.0
Zinc	10.0		1200	J	1320	14.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	5.00		14	J	8.58	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	5.00		270	J	95.0	<25.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	0.500		<0.50	J	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)							
Selenium	5.00		<25	J	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)							
Thallium	2.00		<2.0	J	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)							
4,4'-DDD	0.100		-		-	-	-
4,4'-DDE	0.0400		-		-	-	-
4,4'-DDT	0.100		-		-	-	-
AR1016	1.00		-		-	-	-
AR1221	1.00		-		-	-	-
AR1232	1.00		-		-	-	-
AR1242	1.00		-		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T4A 12-APR-95	T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	T4A 12-APR-95	T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		1.3	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T4A 12-APR-95	T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.8 JB	3.15 JB	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		1.5	<0.500	<0.500	<0.500
Trichloroethene	0.500		27	49.7	20.5	10.5
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		2.0	3.81	1.33	0.509
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		90	92.0	96.0	92.0
sur-Bromofluorobenzene R% (86 - 115)	-		89	90.0	91.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		99	98.0	97.0	100.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<12	<10.3	<10.5	<10.3
1,2-Dichlorobenzene	10.0		<12	<10.3	<10.5	<10.3
1,3-Dichlorobenzene	10.0		<12	<10.3	<10.5	<10.3
1,4-Dichlorobenzene	10.0		<12	<10.3	<10.5	<10.3
2,4,5-Trichlorophenol	20.0		<24	<20.6	<21.1	<20.6
2,4,6-Trichlorophenol	10.0		<12	<10.3	<10.5	<10.3
2,4-Dichlorophenol	10.0		<12	<10.3	<10.5	<10.3
2,4-Dimethylphenol	10.0		<12	<10.3	<10.5	<10.3
2,4-Dinitrophenol	50.0		<60	<51.6 J	<52.6 J	<51.6
2,4-Dinitrotoluene	10.0		<12	<10.3	<10.5	<10.3
2,6-Dinitrotoluene	10.0		<12	<10.3	<10.5	<10.3
2-Chloronaphthalene	10.0		<12	<10.3	<10.5	<10.3
2-Chlorophenol	10.0		<12	<10.3	<10.5	<10.3
2-Methylnaphthalene	10.0		<12	<10.3	<10.5	<10.3
2-Methylphenol	10.0		<12	<10.3	<10.5	<10.3
2-Nitroaniline	50.0		<60	<51.6	<52.6	<51.6
2-Nitrophenol	10.0		<12	<10.3	<10.5	<10.3
3,3'-Dichlorobenzidine	20.0		<24	<20.6 J	<21.1	<20.6
3-Nitroaniline	50.0		<60	<51.6	<52.6	<51.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T4A 12-APR-95	T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<60	<51.6	<52.6	<51.6
4-Bromophenyl phenyl ether	10.0		<12	<10.3	<10.5	<10.3
4-Chloro-3-methylphenol	10.0		<12	<10.3	<10.5	<10.3
4-Chloroaniline	20.0		<24	<20.6	<21.1	<20.6 J
4-Chlorophenyl phenyl ether	10.0		<12	<10.3	<10.5	<10.3
4-Methylphenol	10.0		<12	<10.3	<10.5	<10.3
4-Nitroaniline	50.0		<60 J	<51.6 J	<52.6	<51.6
4-Nitrophenol	50.0		<60 J	<51.6	<52.6	<51.6 J
Acenaphthene	10.0		<12	<10.3	<10.5	<10.3
Acenaphthylene	10.0		<12	<10.3	<10.5	<10.3
Anthracene	10.0		<12	<10.3	<10.5	<10.3
Benz(a)anthracene	10.0		<12	<10.3	<10.5	<10.3
Benzo(a)pyrene	10.0		<12	<10.3	<10.5	<10.3
Benzo(b)fluoranthene	10.0		<12	<10.3	<10.5	<10.3
Benzo(g,h,i)perylene	10.0		<12	<10.3	<10.5	<10.3
Benzo(k)fluoranthene	10.0		<12	<10.3	<10.5	<10.3
Benzoic acid	50.0		<60 R	<51.6	<52.6	<51.6
Benzyl alcohol	20.0		<24	<20.6	<21.1	<20.6
Butyl benzyl phthalate	10.0		<12	7.24 JQ	<10.5	<10.3
Chrysene	10.0		<12	<10.3	<10.5	<10.3
Di-n-butylphthalate	10.0		<12	<10.3	<10.5	<10.3
Di-n-octylphthalate	10.0		<12	<10.3	<10.5	<10.3
Dibenz(a,h)anthracene	10.0		<12	<10.3	<10.5	<10.3
Dibenzofuran	10.0		<12	<10.3	<10.5	<10.3
Diethylphthalate	10.0		<12	<10.3	<10.5	<10.3
Dimethylphthalate	10.0		<12	<10.3	<10.5	<10.3
Fluoranthene	10.0		<12	<10.3	<10.5	<10.3
Fluorene	10.0		<12	<10.3	<10.5	<10.3
Hexachlorobenzene	10.0		<12	<10.3	<10.5	<10.3
Hexachlorobutadiene	10.0		<12	<10.3	<10.5	<10.3
Hexachlorocyclopentadiene	10.0		<12	<10.3	<10.5 R	<10.3 R
Hexachloroethane	10.0		<12	<10.3	<10.5	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<12	<10.3	<10.5	<10.3
Isophorone	10.0		<12	<10.3	<10.5	<10.3
Naphthalene	10.0		<12	<10.3	<10.5	<10.3
Nitrobenzene	10.0		<12	<10.3	<10.5	<10.3
Pentachlorophenol	30.0		<36	<30.9	<31.6	<30.9
Phenanthrene	10.0		<12	<10.3	<10.5	<10.3
Phenol	10.0		<12	<10.3	<10.5	<10.3
Pyrene	10.0		<12	<10.3	<10.5	<10.3
bis(2-Chloroethoxy)methane	10.0		<12	<10.3	<10.5	<10.3
bis(2-Chloroethyl)ether	10.0		<12	<10.3	<10.5	<10.3
bis(2-Chloroisopropyl)ether	10.0		<12	<10.3	<10.5 JL	<10.3

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	T4A 12-APR-95	T4A 14-JUL-95	T4A 19-OCT-95	T4A 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<12	<10.3	<10.5	<10.3
n-Nitrosodinpropylamine	10.0		<12	<10.3	<10.5	<10.3
n-Nitrosodiphenylamine	10.0		<12	<10.3	<10.5	<10.3
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		26	67.1	63.9	76.1
sur-2-Fluorobiphenyl R% (43 - 116)	-		51	82.0	73.1	80.1
sur-2-Fluorophenol R% (21 - 100)	-		32	69.7	77.2	69.7
sur-Nitrobenzene-d5 R% (35 - 114)	-		53	85.0	85.2	67.1
sur-Phenol-d6 R% (10 - 94)	-		25	69.7	67.7	60.8
sur-Terphenyl-d14 R% (38 - 141)	-		54	96.1	91.2	74.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		12000	89000	<500	12100
Antimony	250		<250	<2500	<250	<250
Barium	20.0		120	575	<20.0	75.0
Beryllium	3.00		<3.0	52.0	<3.00	<3.00
Cadmium	10.0		<10	<100	<10.0	<10.0
Calcium	100		190000	1460000	93100	216000
Chromium	50.0		<50	<500	<50.0	<50.0
Cobalt	50.0		<50	<500	<50.0	<50.0
Copper	50.0		<50	173	<50.0	50.0
Iron	50.0		54000	592000	1010	69100
Magnesium	250		13000	39900	11900	14600
Manganese	10.0		2000	2540	193	3020
Molybdenum	50.0		<50	<500	<50.0	<50.0
Nickel	50.0		<50	<500	<50.0	<50.0
Potassium	600		7400	22600	5230	7670
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		30000	34500	33300	33600
Vanadium	50.0		70	710	<50.0	103
Zinc	10.0		67	430	<10.0	67.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	<5.00	<5.00	1.50
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		16	130	<5.00	14.8
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<25.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00 R	<5.00 R	<5.00
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		<0.50	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.4 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.50	<0.500	<0.500	<0.500
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.50	<0.500	0.662	<0.500
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		96	93	95.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		90	92	100.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		99	98	102.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.5	<10.6	<10.5
1,2-Dichlorobenzene	10.0		<11	<10.5	<10.6	<10.5
1,3-Dichlorobenzene	10.0		<11	<10.5	<10.6	<10.5
1,4-Dichlorobenzene	10.0		<11	<10.5	<10.6	<10.5
2,4,5-Trichlorophenol	20.0		<22	<21.1	<21.3	<21.1
2,4,6-Trichlorophenol	10.0		<11	<10.5	<10.6	<10.5
2,4-Dichlorophenol	10.0		<11	<10.5	<10.6	<10.5
2,4-Dimethylphenol	10.0		<11	<10.5	<10.6	<10.5
2,4-Dinitrophenol	50.0		<56	<52.6 J	<53.2	<52.6
2,4-Dinitrotoluene	10.0		<11	<10.5	<10.6	<10.5
2,6-Dinitrotoluene	10.0		<11	<10.5	<10.6	<10.5
2-Chloronaphthalene	10.0		<11	<10.5	<10.6	<10.5
2-Chlorophenol	10.0		<11	<10.5	<10.6	<10.5
2-Methylnaphthalene	10.0		<11	<10.5	<10.6	<10.5
2-Methylphenol	10.0		<11	<10.5	<10.6	<10.5
2-Nitroaniline	50.0		<56	<52.6	<53.2	<52.6
2-Nitrophenol	10.0		<11	<10.5	<10.6	<10.5
3,3'-Dichlorobenzidine	20.0		<22	<21.1	<21.3	<21.1
3-Nitroaniline	50.0		<56	<52.6	<53.2	<52.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<56	<52.6	<53.2	<52.6
4-Bromophenyl phenyl ether	10.0		<11	<10.5	<10.6	<10.5
4-Chloro-3-methylphenol	10.0		<11	<10.5	<10.6	<10.5
4-Chloroaniline	20.0		<22	<21.1	<21.3 J	<21.1 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.5	<10.6	<10.5
4-Methylphenol	10.0		<11	<10.5	<10.6	<10.5
4-Nitroaniline	50.0		<56	<52.6 J	<53.2	<52.6
4-Nitrophenol	50.0		<56	<52.6 J	<53.2	<52.6
Acenaphthene	10.0		<11	<10.5	<10.6	<10.5
Acenaphthylene	10.0		<11	<10.5	<10.6	<10.5
Anthracene	10.0		<11	<10.5	<10.6	<10.5
Benz(a)anthracene	10.0		<11	<10.5	<10.6	<10.5
Benzo(a)pyrene	10.0		<11	<10.5	<10.6	<10.5
Benzo(b)fluoranthene	10.0		<11	<10.5	<10.6	<10.5
Benzo(g,h,i)perylene	10.0		<11	<10.5	<10.6	<10.5
Benzo(k)fluoranthene	10.0		<11	<10.5	<10.6	<10.5
Benzoic acid	50.0		<56 R	<52.6 J	<53.2	<52.6
Benzyl alcohol	20.0		<22	<21.1	<21.3	<21.1
Butyl benzyl phthalate	10.0		<11	<10.5	43.5	2.80 JQ
Chrysene	10.0		<11	<10.5	<10.6	<10.5
Di-n-butylphthalate	10.0		<11	<10.5	<10.6	<10.5
Di-n-octylphthalate	10.0		<11	<10.5	<10.6	<10.5
Dibenz(a,h)anthracene	10.0		<11	<10.5	<10.6	<10.5
Dibenzofuran	10.0		<11	<10.5	<10.6	<10.5
Diethylphthalate	10.0		<11	<10.5	<10.6	<10.5
Dimethylphthalate	10.0		<11	<10.5	<10.6	<10.5
Fluoranthene	10.0		<11	<10.5	<10.6	<10.5
Fluorene	10.0		<11	<10.5	<10.6	<10.5
Hexachlorobenzene	10.0		<11	<10.5	<10.6	<10.5
Hexachlorobutadiene	10.0		<11	<10.5	<10.6	<10.5
Hexachlorocyclopentadiene	10.0		<11 J	<10.5 J	<10.6 R	<10.5 R
Hexachloroethane	10.0		<11	<10.5	<10.6	<10.5
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.5	<10.6	<10.5
Isophorone	10.0		<11	<10.5	<10.6	<10.5
Naphthalene	10.0		<11	<10.5	<10.6	<10.5
Nitrobenzene	10.0		<11	<10.5	<10.6	<10.5
Pentachlorophenol	30.0		<34	<31.6	<31.9	<31.6
Phenanthrene	10.0		<11	<10.5	<10.6	<10.5
Phenol	10.0		<11	<10.5	<10.6	<10.5
Pyrene	10.0		<11	<10.5	<10.6	<10.5
bis(2-Chloroethoxy)methane	10.0		<11	<10.5	<10.6	<10.5
bis(2-Chloroethyl)ether	10.0		<11	<10.5	<10.6	<10.5
bis(2-Chloroisopropyl)ether	10.0		<11	<10.5	<10.6	<10.5

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	T7 11-APR-95	T7 15-JUL-95	T7 21-OCT-95	T7 11-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	<10.5	<10.6	<10.5
n-Nitrosodinpropylamine	10.0		<11	<10.5	<10.6	<10.5
n-Nitrosodiphenylamine	10.0		<11	<10.5	<10.6	<10.5
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		77	48	70.0	69.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		66	61	74.2	83.2
sur-2-Fluorophenol R% (21 - 100)	-		59	50	63.8	62.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		66	58	75.3	73.1
sur-Phenol-d6 R% (10 - 94)	-		51	53	68.1	54.9
sur-Terphenyl-d14 R% (38 - 141)	-		74	64	69.2	78.2

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		18000	34200	10900	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		160	249	147	132
Beryllium	3.00		<3.0	4.00	<3.00	10100
Cadmium	10.0		10	<10.0	<10.0	<10.0
Calcium	100		630000	1170000	495000	329000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		22000	47400	16800	12900
Magnesium	250		11000	17800	9250	8390
Manganese	10.0		1200	2310	1180	758
Molybdenum	50.0		<50	<50.0	<50.0	41400
Nickel	50.0		<50	79.0	<50.0	<50.0
Potassium	600		3300	6450	2860	3090
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		39000	42800	39300	<250
Vanadium	50.0		84	172	57.0	<50.0
Zinc	10.0		50	80.0	39.0	27.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		<5.0	5.61	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		12	27.8	11.0	7.18
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<25.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone (MEK)	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		0.41 JQ	0.377 JQ	<0.500	0.254 JQ
1,1-Dichloroethene	0.500		0.95	0.852	<0.500	0.575
1,2-Dichloroethane	1.00		<1.0	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.50	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.0	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<5.0	<5.00	<5.00	<5.00 R
2-Hexanone	5.00		<5.0	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.0	<5.00	<5.00	<5.00
Acetone	5.00		<5.0	<5.00	<5.00	<5.00
Benzene	0.500		<0.50	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Bromoform	1.00		<1.0	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.0	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.0	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.50	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.50	<0.500	<0.500	<0.500

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DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		<2.0	<2.00	<2.00	<2.00
Chloroform	0.500		0.51	0.382 JQ	0.396 JQ	0.369 JQ
Chloromethane	2.00		<2.0	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.50	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.50	<0.500	<0.500	<0.500
Methylene chloride	2.00		1.7 JB	<2.00	<2.00	<2.00
Styrene	0.500		<0.50	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		0.28 JQ	0.328 JQ	0.179 JQ	0.180 JQ
Toluene	0.500		<0.50	<0.500	<0.500	<0.500
Trichloroethene	0.500		0.80	0.807	0.659	0.718
Vinyl acetate	5.00		<5.0	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.0	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.0	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		0.74	0.730	0.500	0.410 JQ
cis-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.50	<0.500	0.698	<0.500
trans-1,3-Dichloropropene	0.500		<0.50	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		95	97	93.0	94.0
sur-Bromofluorobenzene R% (86 - 115)	-		93	90	94.0	96.0
sur-Toluene-d8 R% (88 - 110)	-		99	97	98.0	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<10	<10.4	<10.5	<11.1
1,2-Dichlorobenzene	10.0		<10	<10.4	<10.5	<11.1
1,3-Dichlorobenzene	10.0		<10	<10.4	<10.5	<11.1
1,4-Dichlorobenzene	10.0		<10	<10.4	<10.5	<11.1
2,4,5-Trichlorophenol	20.0		<20	<20.8	<21.1	<22.2
2,4,6-Trichlorophenol	10.0		<10	<10.4	<10.5	<11.1
2,4-Dichlorophenol	10.0		<10	<10.4	<10.5	<11.1
2,4-Dimethylphenol	10.0		<10	<10.4	<10.5	<11.1
2,4-Dinitrophenol	50.0		<50	<52.1 J	<52.6 J	<55.6
2,4-Dinitrotoluene	10.0		<10	<10.4	<10.5	<11.1
2,6-Dinitrotoluene	10.0		<10	<10.4	<10.5	<11.1
2-Chloronaphthalene	10.0		<10	<10.4	<10.5	<11.1
2-Chlorophenol	10.0		<10	<10.4	<10.5	<11.1
2-Methylnaphthalene	10.0		<10	<10.4	<10.5	<11.1
2-Methylphenol	10.0		<10	<10.4	<10.5	<11.1
2-Nitroaniline	50.0		<50	<52.1	<52.6	<55.6
2-Nitrophenol	10.0		<10	<10.4	<10.5	<11.1
3,3'-Dichlorobenzidine	20.0		<20	<20.8	<21.1	<22.2
3-Nitroaniline	50.0		<50	<52.1	<52.6	<55.6

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date : Notes :	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<50	<52.1	<52.6	<55.6
4-Bromophenyl phenyl ether	10.0		<10	<10.4	<10.5	<11.1
4-Chloro-3-methylphenol	10.0		<10	<10.4	<10.5	<11.1
4-Chloroaniline	20.0		<20	<20.8 J	<21.1	<22.2 J
4-Chlorophenyl phenyl ether	10.0		<10	<10.4	<10.5	<11.1
4-Methylphenol	10.0		<10	<10.4	<10.5	<11.1
4-Nitroaniline	50.0		<50 J	<52.1 J	<52.6	<55.6
4-Nitrophenol	50.0		<50 J	<52.1	<52.6	<55.6
Acenaphthene	10.0		<10	<10.4	<10.5	<11.1
Acenaphthylene	10.0		<10	<10.4	<10.5	<11.1
Anthracene	10.0		<10	<10.4	<10.5	<11.1
Benz(a)anthracene	10.0		<10	<10.4	<10.5	<11.1
Benzo(a)pyrene	10.0		<10	<10.4	<10.5	<11.1
Benzo(b)fluoranthene	10.0		<10	<10.4	<10.5	<11.1
Benzo(g,h,i)perylene	10.0		<10	<10.4	<10.5	<11.1
Benzo(k)fluoranthene	10.0		<10	<10.4	<10.5	<11.1
Benzoic acid	50.0		<50 R	<52.1 J	<52.6	<55.6
Benzyl alcohol	20.0		<20	<20.8	<21.1	<22.2
Butyl benzyl phthalate	10.0		<10	5.21 JQ	<10.5	<11.1
Chrysene	10.0		<10	<10.4	<10.5	<11.1
Di-n-butylphthalate	10.0		<10	<10.4	<10.5	<11.1
Di-n-octylphthalate	10.0		<10	<10.4	<10.5	<11.1
Dibenz(a,h)anthracene	10.0		<10	<10.4	<10.5	<11.1
Dibenzofuran	10.0		<10	<10.4	<10.5	<11.1
Diethylphthalate	10.0		<10	<10.4	<10.5	<11.1
Dimethylphthalate	10.0		<10	<10.4	<10.5	<11.1
Fluoranthene	10.0		<10	<10.4	<10.5	<11.1
Fluorene	10.0		<10	<10.4	<10.5	<11.1
Hexachlorobenzene	10.0		<10	<10.4	<10.5	<11.1
Hexachlorobutadiene	10.0		<10	<10.4	<10.5	<11.1
Hexachlorocyclopentadiene	10.0		<10	<10.4 J	<10.5 R	<11.1 J
Hexachloroethane	10.0		<10	<10.4	<10.5	<11.1
Indeno(1,2,3-cd)pyrene	10.0		<10	<10.4	<10.5	<11.1
Isophorone	10.0		<10	<10.4	<10.5	<11.1
Naphthalene	10.0		<10	<10.4	<10.5	<11.1
Nitrobenzene	10.0		<10	<10.4	<10.5	<11.1
Pentachlorophenol	30.0		<30	<31.3	<31.6	<33.3
Phenanthrene	10.0		<10	<10.4	<10.5	<11.1
Phenol	10.0		<10	2.88 JQ	<10.5	<11.1
Pyrene	10.0		<10	<10.4	<10.5	<11.1
bis(2-Chloroethoxy)methane	10.0		<10	<10.4	<10.5	<11.1
bis(2-Chloroethyl)ether	10.0		<10	<10.4	<10.5	<11.1
bis(2-Chloroisopropyl)ether	10.0		<10	<10.4	<10.5	<11.1

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	P6A 12-APR-95	P6A 13-JUL-95	P6A 18-OCT-95	P6A 13-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<10	<10.4	<10.5	<11.1
n-Nitrosodinpropylamine	10.0		<10	<10.4	<10.5	<11.1
n-Nitrosodiphenylamine	10.0		<10	<10.4	<10.5	<11.1
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		50	74	63.9	54.9
sur-2-Fluorobiphenyl R% (43 - 116)	-		50	74	70.2	70.1
sur-2-Fluorophenol R% (21 - 100)	-		57	63	60.9	61.7
sur-Nitrobenzene-d5 R% (35 - 114)	-		48	78	78.2	54.1
sur-Phenol-d6 R% (10 - 94)	-		51	69	65.2	53.9
sur-Terphenyl-d14 R% (38 - 141)	-		51	68	74.2	73.1

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
METALS, TOTAL BY ICP/SW6010 (ug/L)					
Aluminum	500		<500	<500	319
Antimony	250		<250	<250	<250
Barium	20.0		300	244	349
Beryllium	3.00		<3.0	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0
Calcium	100		75000	74700	82100
Chromium	50.0		<50	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0
Iron	50.0		9000	7840	9980
Magnesium	250		20000	19800	18600
Manganese	10.0		630	621	595
Molybdenum	50.0		<50	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0
Potassium	600		2900	3440	5720
Silver	50.0		<50	<50.0	<50.0
Sodium	250		130000	128000	143000
Vanadium	50.0		<50	<50.0	<50.0
Zinc	10.0		<10	<10.0	17.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)					
Arsenic	5.00		48	46.4	47.1
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)					
Lead	5.00		31	25.4	25.8
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)					
Mercury	0.500		<0.50	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)					
Selenium	5.00		<5.0	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)					
Thallium	2.00		<2.0	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)					
4,4'-DDD	0.100		-	-	-
4,4'-DDE	0.0400		-	-	-
4,4'-DDT	0.100		-	-	-
AR1016	1.00		-	-	-
AR1221	1.00		-	-	-
AR1232	1.00		-	-	-
AR1242	1.00		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.					
AR1248	1.00		-	-	-
AR1254	1.00		-	-	-
AR1260	1.00		-	-	-
Aldrin	0.0400		-	-	-
Chlordane	0.500		-	-	-
Dieldrin	0.0200		-	-	-
Endosulfan I	0.0500		-	-	-
Endosulfan II	0.0400		-	-	-
Endosulfan sulfate	0.100		-	-	-
Endrin	0.0600		-	-	-
Endrin aldehyde	0.100		-	-	-
Heptachlor	0.0300		-	-	-
Heptachlor epoxide	0.0500		-	-	-
Methoxychlor	0.500		-	-	-
Toxaphene	2.00		-	-	-
alpha-BHC	0.0300		-	-	-
beta-BHC	0.0500		-	-	-
delta-BHC	0.0500		-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-
% Surrogate Recovery (Control Limit)					
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		<500	<500	<50.0
1,1,2,2-Tetrachloroethane	0.500		<500	<500	<50.0
1,1,2-Trichloroethane	1.00		<500	<500	<50.0
1,1-Dichloroethane	0.500		<500	<500	<50.0
1,1-Dichloroethene	0.500		<500	<500	<50.0
1,2-Dichloroethane	1.00		<500	<500	<50.0
1,2-Dichloropropane	0.500		<500	<500	<50.0
2-Butanone (MEK)	5.00		<1000	<1000	<100
2-Chloroethyl vinyl ether	5.00		<1000	<1000 J	<100
2-Hexanone	5.00		<1000	<1000	<100
4-Methyl-2-pentanone	5.00		<1000	<1000	<100
Acetone	5.00		<1000	<1000	<100 J
Benzene	0.500		5800	4480	344
Bromodichloromethane	0.500		<500	<500	<50.0
Bromoform	1.00		<500	<500	<50.0
Bromomethane	2.00		<1000	<1000	<100
Carbon disulfide	1.00		<500	<500	<50.0
Carbon tetrachloride	0.500		<500	<500	<50.0
Chlorobenzene	0.500		<500	<500	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.					
Chloroethane	2.00		<1000	<1000	<100
Chloroform	0.500		<500	<500	<50.0
Chloromethane	2.00		<1000	<1000	<100
Dibromochloromethane	0.500		<500	<500	<50.0
Ethylbenzene	0.500		680	1110	95.2
Methylene chloride	2.00		<500	233 JQ	<50.0
Styrene	0.500		<500	<500	<50.0
Tetrachloroethene	0.500		<500	<500	<50.0
Toluene	0.500		12000	12100	978
Trichloroethene	0.500		<500	<500	<50.0
Vinyl acetate	5.00		<1000	<1000	<100
Vinyl chloride	2.00		<1000	<1000	<100
Xylenes (total)	1.00		5800	7990	1120
cis-1,2-Dichloroethene	0.500		<500	<500	<50.0
cis-1,3-Dichloropropene	0.500		<500	<500	<50.0
trans-1,2-Dichloroethene	0.500		<500	<500	<50.0
trans-1,3-Dichloropropene	0.500		<500	<500	<50.0
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		103	108	106.0
sur-Bromofluorobenzene R% (86 - 115)	-		103	103	97.0
sur-Toluene-d8 R% (88 - 110)	-		106	103	100.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)					
1,1,1-Trichloroethane	0.500		-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-
1,1,2-Trichloroethane	1.00		-	-	-
1,1-Dichloroethane	0.500		-	-	-
1,1-Dichloroethene	0.500		-	-	-
1,2-Dichloroethane	1.00		-	-	-
1,2-Dichloropropane	0.500		-	-	-
2-Butanone	5.00		-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-
2-Hexanone	5.00		-	-	-
4-Methyl-2-pentanone	5.00		-	-	-
Acetone	5.00		-	-	-
Benzene	0.500		-	-	-
Bromodichloromethane	0.500		-	-	-
Bromoform	1.00		-	-	-
Bromomethane	2.00		-	-	-
Carbon disulfide	1.00		-	-	-
Carbon tetrachloride	0.500		-	-	-
Chlorobenzene	0.500		-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.					
Chloroethane	2.00		-	-	-
Chloroform	0.500		-	-	-
Chloromethane	2.00		-	-	-
Dibromochloromethane	0.500		-	-	-
Ethylbenzene	0.500		-	-	-
Methylene chloride	2.00		-	-	-
Styrene	0.500		-	-	-
Tetrachloroethene	0.500		-	-	-
Toluene	0.500		-	-	-
Trichloroethene	0.500		-	-	-
Vinyl acetate	5.00		-	-	-
Vinyl chloride	2.00		-	-	-
Xylenes (total)	1.00		-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)					
1,2,4-Trichlorobenzene	10.0		<115	<516	<110
1,2-Dichlorobenzene	10.0		<115	<516	<110
1,3-Dichlorobenzene	10.0		<115	<516	<110
1,4-Dichlorobenzene	10.0		<115	<516	<110
2,4,5-Trichlorophenol	20.0		<230	<1030	<220
2,4,6-Trichlorophenol	10.0		<115	<516	<110
2,4-Dichlorophenol	10.0		<115	<516	<110
2,4-Dimethylphenol	10.0		<115	<516	<110 JL
2,4-Dinitrophenol	50.0		<574 J	<2580 J	<550 R
2,4-Dinitrotoluene	10.0		<115	<516	<110
2,6-Dinitrotoluene	10.0		<115	<516	<110
2-Chloronaphthalene	10.0		<115	<516	<110
2-Chlorophenol	10.0		<115	<516	<110
2-Methylnaphthalene	10.0		480	269 JQ	561
2-Methylphenol	10.0		<115	<516	<110
2-Nitroaniline	50.0		<574	<2580	<550
2-Nitrophenol	10.0		<115	<516	<110
3,3'-Dichlorobenzidine	20.0		<230 J	<1030	<220 J
3-Nitroaniline	50.0		<574	<2580	<550

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
4,6-Dinitro-2-methylphenol	50.0		<574	<2580	<550
4-Bromophenyl phenyl ether	10.0		<115	<516	<110
4-Chloro-3-methylphenol	10.0		<115	<516	<110
4-Chloroaniline	20.0		<230 J	<1030	<220
4-Chlorophenyl phenyl ether	10.0		<115	<516	<110
4-Methylphenol	10.0		<115	<516	36.0 JQ
4-Nitroaniline	50.0		<574 J	<2580 J	<550
4-Nitrophenol	50.0		<574	<2580 J	<550
Acenaphthene	10.0		<115	<516	<110
Acenaphthylene	10.0		<115	<516	<110
Anthracene	10.0		<115	<516	<110
Benz(a)anthracene	10.0		<115	<516	<110
Benzo(a)pyrene	10.0		<115	<516	<110
Benzo(b)fluoranthene	10.0		<115	<516	<110
Benzo(g,h,i)perylene	10.0		<115	<516	<110
Benzo(k)fluoranthene	10.0		<115	<516	<110
Benzoic acid	50.0		<574	<2580 J	<550
Benzyl alcohol	20.0		<230	<1030	<220
Butyl benzyl phthalate	10.0		<115	331 JQ	201
Chrysene	10.0		<115	<516	<110
Di-n-butylphthalate	10.0		<115	<516	<110
Di-n-octylphthalate	10.0		17 JQ	<516	<110
Dibenz(a,h)anthracene	10.0		<115	<516	<110
Dibenzofuran	10.0		<115	<516	<110
Diethylphthalate	10.0		<115	<516	<110
Dimethylphthalate	10.0		<115	<516	<110
Fluoranthene	10.0		4.5 JQ	<516	10.2 JQ
Fluorene	10.0		<115	<516	<110
Hexachlorobenzene	10.0		<115	<516	<110
Hexachlorobutadiene	10.0		<115	<516	<110
Hexachlorocyclopentadiene	10.0		<115	<516 J	<110 R
Hexachloroethane	10.0		<115	<516	<110 JL
Indeno(1,2,3-cd)pyrene	10.0		<115	<516	<110
Isophorone	10.0		<115	<516	<110
Naphthalene	10.0		800	559	1150
Nitrobenzene	10.0		<115	<516	<110
Pentachlorophenol	30.0		<345	<1550	<330 R
Phenanthrene	10.0		8.1 JQ	<516	16.4 JQ
Phenol	10.0		<115	<516	<110
Pyrene	10.0		<115	<516	11.5 JQ
bis(2-Chloroethoxy)methane	10.0		<115	<516	<110
bis(2-Chloroethyl)ether	10.0		<115	<516	<110
bis(2-Chloroisopropyl)ether	10.0		<115	<516	<110

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95	LSA1628-1 20-OCT-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.					
bis(2-Ethylhexyl)phthalate	10.0		<115	2270	1150
n-Nitrosodinpropylamine	10.0		<115	<516	<110
n-Nitrosodiphenylamine	10.0		<115	<516	<110
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol R% (10 - 123)	-		97	0	64.8
sur-2-Fluorobiphenyl R% (43 - 116)	-		99	0	88.9
sur-2-Fluorophenol R% (21 - 100)	-		70	0	51.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		70	0	93.6
sur-Phenol-d6 R% (10 - 94)	-		78	0	27.0
sur-Terphenyl-d14 R% (38 - 141)	-		109	0	100.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	<500	<500
Antimony	250		<250	<250	<250	<250
Barium	20.0		670	500	613	652
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		77000	68900	81400	83500
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		8200	7860	8130	9340
Magnesium	250		17000	16000	16900	17300
Manganese	10.0		380	367	376	424
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		1700	1380	1680	1450
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		180000	186000	170000	156000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		10	<10.0	<10.0	10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		39	50.3	36.9	33.2
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		17	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,1-Dichloroethane	0.500		<50	<50.0	<50.0	<50.0
1,1-Dichloroethene	0.500		<50	<50.0	<50.0	<50.0
1,2-Dichloroethane	1.00		<50	<50.0	<50.0	<50.0
1,2-Dichloropropane	0.500		<50	<50.0	<50.0	<50.0
2-Butanone (MEK)	5.00		<100	<100	<100	<100
2-Chloroethyl vinyl ether	5.00		<100	<100 J	<100	<100
2-Hexanone	5.00		<100	<100	<100	<100
4-Methyl-2-pentanone	5.00		<100	<100	<100	<100
Acetone	5.00		<100	<100	<100	<100
Benzene	0.500		1400	1810	1350	1020
Bromodichloromethane	0.500		<50	<50.0	<50.0	<50.0
Bromoform	1.00		<50	<50.0	<50.0	<50.0
Bromomethane	2.00		<100	<100	<100	<100
Carbon disulfide	1.00		<50	<50.0	<50.0	<50.0
Carbon tetrachloride	0.500		<50	<50.0	<50.0	<50.0
Chlorobenzene	0.500		<50	<50.0	<50.0	<50.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<100	<100	<100	<100
Chloroform	0.500		<50	<50.0	<50.0	<50.0
Chloromethane	2.00		<100	<100	<100	<100
Dibromochloromethane	0.500		<50	<50.0	<50.0	<50.0
Ethylbenzene	0.500		210	231	162	191
Methylene chloride	2.00		<50	25.7 JQ	<50.0	<50.0 JL
Styrene	0.500		<50	<50.0	<50.0	<50.0
Tetrachloroethene	0.500		<50	<50.0	<50.0	<50.0
Toluene	0.500		18 JQ	13.9 JQ	<50.0	14.8 JQ
Trichloroethene	0.500		54	<50.0	26.4 JQ	59.3
Vinyl acetate	5.00		<100	<100	<100	<100
Vinyl chloride	2.00		<100	<100	<100	55.0
Xylenes (total)	1.00		260	257	131	97.3
cis-1,2-Dichloroethene	0.500		<50	12.2 JQ	<50.0	25.4 JQ
cis-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
trans-1,2-Dichloroethene	0.500		33 JQ	29.3 JQ	22.6 JQ	52.3
trans-1,3-Dichloropropene	0.500		<50	<50.0	<50.0	<50.0
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		106	109	101.0	93.0
sur-Bromofluorobenzene R% (86 - 115)	-		104	102	98.0	99.0
sur-Toluene-d8 R% (88 - 110)	-		105	98	101.0	103.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		-	-	-	-
1,1,2-Trichloroethane	1.00		-	-	-	-
1,1-Dichloroethane	0.500		-	-	-	-
1,1-Dichloroethene	0.500		-	-	-	-
1,2-Dichloroethane	1.00		-	-	-	-
1,2-Dichloropropane	0.500		-	-	-	-
2-Butanone	5.00		-	-	-	-
2-Chloroethyl vinyl ether	5.00		-	-	-	-
2-Hexanone	5.00		-	-	-	-
4-Methyl-2-pentanone	5.00		-	-	-	-
Acetone	5.00		-	-	-	-
Benzene	0.500		-	-	-	-
Bromodichloromethane	0.500		-	-	-	-
Bromoform	1.00		-	-	-	-
Bromomethane	2.00		-	-	-	-
Carbon disulfide	1.00		-	-	-	-
Carbon tetrachloride	0.500		-	-	-	-
Chlorobenzene	0.500		-	-	-	-

DATA SUMMARY TABLE
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PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	-
Chloroform	0.500		-	-	-	-
Chloromethane	2.00		-	-	-	-
Dibromochloromethane	0.500		-	-	-	-
Ethylbenzene	0.500		-	-	-	-
Methylene chloride	2.00		-	-	-	-
Styrene	0.500		-	-	-	-
Tetrachloroethene	0.500		-	-	-	-
Toluene	0.500		-	-	-	-
Trichloroethene	0.500		-	-	-	-
Vinyl acetate	5.00		-	-	-	-
Vinyl chloride	2.00		-	-	-	-
Xylenes (total)	1.00		-	-	-	-
cis-1,2-Dichloroethene	0.500		-	-	-	-
cis-1,3-Dichloropropene	0.500		-	-	-	-
trans-1,2-Dichloroethene	0.500		-	-	-	-
trans-1,3-Dichloropropene	0.500		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	-
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	-
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<544	<521	<53.8	<105
1,2-Dichlorobenzene	10.0		<544	<521	<53.8	<105
1,3-Dichlorobenzene	10.0		<544	<521	<53.8	<105
1,4-Dichlorobenzene	10.0		<544	<521	<53.8	<105
2,4,5-Trichlorophenol	20.0		<1090	<1040	<108	<211
2,4,6-Trichlorophenol	10.0		<544	<521	<53.8	<105
2,4-Dichlorophenol	10.0		<544	<521	<53.8	<105
2,4-Dimethylphenol	10.0		<544	<521	<53.8	<105
2,4-Dinitrophenol	50.0		<2720 J	<2600 J	<269	<526
2,4-Dinitrotoluene	10.0		<544	<521	<53.8	<105
2,6-Dinitrotoluene	10.0		<544	<521	<53.8	<105
2-Chloronaphthalene	10.0		<544	<521	<53.8	<105
2-Chlorophenol	10.0		<544	<521	<53.8	<105
2-Methylnaphthalene	10.0		2100	404 JQ	92.4	32.0 JQ
2-Methylphenol	10.0		<544	<521	<53.8	<105
2-Nitroaniline	50.0		<2720	<2600	<269	<526
2-Nitrophenol	10.0		<544	<521	<53.8	<105
3,3'-Dichlorobenzidine	20.0		<1090 J	<1040	<108	<211
3-Nitroaniline	50.0		<2720	<2600	<269	<526

DATA SUMMARY TABLE
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Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<2720	<2600	<269	<526
4-Bromophenyl phenyl ether	10.0		<544	<521	<53.8	<105
4-Chloro-3-methylphenol	10.0		<544	<521	<53.8	<105
4-Chloroaniline	20.0		<1090 J	<1040	<108 J	<211 J
4-Chlorophenyl phenyl ether	10.0		<544	<521	<53.8	<105
4-Methylphenol	10.0		<544	<521	<53.8	<105
4-Nitroaniline	50.0		<2720 J	<2600 J	<269	<526
4-Nitrophenol	50.0		<2720	<2600 J	<269 J	<526
Acenaphthene	10.0		110 JQ	<521	<53.8	<105
Acenaphthylene	10.0		<544	<521	<53.8	<105
Anthracene	10.0		<544	<521	<53.8	<105
Benz(a)anthracene	10.0		<544	<521	<53.8	<105
Benzo(a)pyrene	10.0		<544	<521	<53.8	<105
Benzo(b)fluoranthene	10.0		<544	<521	<53.8	<105
Benzo(g,h,i)perylene	10.0		<544	<521	<53.8	<105
Benzo(k)fluoranthene	10.0		<544	<521	<53.8	<105
Benzoic acid	50.0		<2720	<2600 J	<269	<526
Benzyl alcohol	20.0		<1090	<1040	<108	<211
Butyl benzyl phthalate	10.0		<544	332 JQ	162	189
Chrysene	10.0		<544	<521	<53.8	<105
Di-n-butylphthalate	10.0		<544	<521	<53.8	<105
Di-n-octylphthalate	10.0		<544	<521	<53.8	<105
Dibenz(a,h)anthracene	10.0		<544	<521	<53.8	<105
Dibenzofuran	10.0		<544	<521	6.50 JQ	<105
Diethylphthalate	10.0		<544	<521	<53.8	<105
Dimethylphthalate	10.0		<544	<521	<53.8	<105
Fluoranthene	10.0		<544	<521	<53.8	<105
Fluorene	10.0		120 JQ	<521	<53.8	<105
Hexachlorobenzene	10.0		<544	<521	<53.8	<105
Hexachlorobutadiene	10.0		<544	<521	<53.8	<105
Hexachlorocyclopentadiene	10.0		<544	<521 J	<53.8 R	<105 R
Hexachloroethane	10.0		<544	<521	<53.8	<105
Indeno(1,2,3-cd)pyrene	10.0		<544	<521	<53.8	<105
Isophorone	10.0		<544	<521	<53.8	<105
Naphthalene	10.0		1400	205 JQ	72.4	53.9 JQ
Nitrobenzene	10.0		<544	<521	<53.8	<105
Pentachlorophenol	30.0		<1630	<1560	<161	<316
Phenanthrene	10.0		<544	<521	<53.8	<105
Phenol	10.0		<544	<521	12.8 JQ	<105
Pyrene	10.0		<544	<521	<53.8	<105
bis(2-Chloroethoxy)methane	10.0		<544	<521	<53.8	<105
bis(2-Chloroethyl)ether	10.0		<544	<521	<53.8	<105
bis(2-Chloroisopropyl)ether	10.0		<544	<521	<53.8	<105

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-2 21-OCT-95	LSA1628-2 15-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<544	2330	626	1030
n-Nitrosodinpropylamine	10.0		<544	<521	<53.8	<105
n-Nitrosodiphenylamine	10.0		<544	<521	<53.8	<105
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		26	0	78.9	27.0
sur-2-Fluorobiphenyl R% (43 - 116)	-		67	0	94.4	130.5
sur-2-Fluorophenol R% (21 - 100)	-		69	0	60.1	49.0
sur-Nitrobenzene-d5 R% (35 - 114)	-		0	0	103.7	26.1
sur-Phenol-d6 R% (10 - 94)	-		40	0	59.1	57.0
sur-Terphenyl-d14 R% (38 - 141)	-		110	0	86.6	100.0

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
METALS, TOTAL BY ICP/SW6010 (ug/L)						
Aluminum	500		<500	<500	<500	1060
Antimony	250		<250	<250	<250	<250
Barium	20.0		390	412	465	374
Beryllium	3.00		<3.0	<3.00	<3.00	<3.00
Cadmium	10.0		<10	<10.0	<10.0	<10.0
Calcium	100		110000	112000	125000	138000
Chromium	50.0		<50	<50.0	<50.0	<50.0
Cobalt	50.0		<50	<50.0	<50.0	<50.0
Copper	50.0		<50	<50.0	<50.0	<50.0
Iron	50.0		2800 JL	3820	3970	5460
Magnesium	250		14000	14300	15000	15100
Manganese	10.0		2800	2250	2690	3670
Molybdenum	50.0		<50	<50.0	<50.0	<50.0
Nickel	50.0		<50	<50.0	<50.0	<50.0
Potassium	600		1300	1390	1920 JH	1740
Silver	50.0		<50	<50.0	<50.0	<50.0
Sodium	250		57000	68700	67300	91000
Vanadium	50.0		<50	<50.0	<50.0	<50.0
Zinc	10.0		13	<10.0	32.0	18.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	5.00		16 JL	21.6	24.8	18.5
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	5.00		<5.0	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	0.500		<0.50	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY GFAA/SW 7740/METHOD (ug/L)						
Selenium	5.00		<5.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (ug/L)						
Thallium	2.00		<2.0	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l)						
4,4'-DDD	0.100		-	-	-	-
4,4'-DDE	0.0400		-	-	-	-
4,4'-DDT	0.100		-	-	-	-
AR1016	1.00		-	-	-	-
AR1221	1.00		-	-	-	-
AR1232	1.00		-	-	-	-
AR1242	1.00		-	-	-	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID Sample Date Notes	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (ug/l) cont'd.						
AR1248	1.00		-	-	-	-
AR1254	1.00		-	-	-	-
AR1260	1.00		-	-	-	-
Aldrin	0.0400		-	-	-	-
Chlordane	0.500		-	-	-	-
Dieldrin	0.0200		-	-	-	-
Endosulfan I	0.0500		-	-	-	-
Endosulfan II	0.0400		-	-	-	-
Endosulfan sulfate	0.100		-	-	-	-
Endrin	0.0600		-	-	-	-
Endrin aldehyde	0.100		-	-	-	-
Heptachlor	0.0300		-	-	-	-
Heptachlor epoxide	0.0500		-	-	-	-
Methoxychlor	0.500		-	-	-	-
Toxaphene	2.00		-	-	-	-
alpha-BHC	0.0300		-	-	-	-
beta-BHC	0.0500		-	-	-	-
delta-BHC	0.0500		-	-	-	-
gamma-BHC (Lindane)	0.0400		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-Dibutylchlorendate R% (33 - 186)	-		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		<10	<5.00	<5.00	-
1,1,2,2-Tetrachloroethane	0.500		<10	<5.00	<5.00	-
1,1,2-Trichloroethane	1.00		<10	<5.00	<5.00	-
1,1-Dichloroethane	0.500		<10	<5.00	<5.00	-
1,1-Dichloroethene	0.500		<10	<5.00	<5.00	-
1,2-Dichloroethane	1.00		<10	<5.00	<5.00	-
1,2-Dichloropropane	0.500		<10	<5.00	<5.00	-
2-Butanone (MEK)	5.00		<20	<10.0	<10.0	-
2-Chloroethyl vinyl ether	5.00		<20	<10.0 J	<10.0	-
2-Hexanone	5.00		<20	<10.0	<10.0	-
4-Methyl-2-pentanone	5.00		<20	<10.0	<10.0	-
Acetone	5.00		<20	<10.0	<10.0 J	-
Benzene	0.500		<10	3.85 JQ	<5.00	-
Bromodichloromethane	0.500		<10	<5.00	<5.00	-
Bromoform	1.00		<10	<5.00	<5.00	-
Bromomethane	2.00		<20	<10.0	<10.0	-
Carbon disulfide	1.00		<10	<5.00	<5.00	-
Carbon tetrachloride	0.500		<10	<5.00	<5.00	-
Chlorobenzene	0.500		<10	<5.00	<5.00	-

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L) cont'd.						
Chloroethane	2.00		<20	<10.0	<10.0	-
Chloroform	0.500		<10	<5.00	<5.00	-
Chloromethane	2.00		<20	<10.0	<10.0	-
Dibromochloromethane	0.500		<10	<5.00	<5.00	-
Ethylbenzene	0.500		<10	3.21 JQ	<5.00	-
Methylene chloride	2.00		<10	18.0	<5.00	-
Styrene	0.500		<10	<5.00	<5.00	-
Tetrachloroethene	0.500		<10	<5.00	<5.00	-
Toluene	0.500		<10	8.57	<5.00	-
Trichloroethene	0.500		390 J	82.3	145	-
Vinyl acetate	5.00		<20	<10.0	<10.0	-
Vinyl chloride	2.00		<20	<10.0	<10.0	-
Xylenes (total)	1.00		<10	8.53	<5.00	-
cis-1,2-Dichloroethene	0.500		62	16.3	29.8	-
cis-1,3-Dichloropropene	0.500		<10	<5.00	<5.00	-
trans-1,2-Dichloroethene	0.500		17	9.01	14.2	-
trans-1,3-Dichloropropene	0.500		<10	<5.00	<5.00	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		106	108	105.0	-
sur-Bromofluorobenzene R% (86 - 115)	-		103	96	92.0	-
sur-Toluene-d8 R% (88 - 110)	-		104	96	99.0	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1,1-Trichloroethane	0.500		-	-	-	<0.500
1,1,2,2-Tetrachloroethane	0.500		-	-	-	<0.500
1,1,2-Trichloroethane	1.00		-	-	-	<1.00
1,1-Dichloroethane	0.500		-	-	-	<0.500
1,1-Dichloroethene	0.500		-	-	-	<0.500
1,2-Dichloroethane	1.00		-	-	-	<1.00
1,2-Dichloropropane	0.500		-	-	-	<0.500
2-Butanone	5.00		-	-	-	<5.00
2-Chloroethyl vinyl ether	5.00		-	-	-	<5.00 R
2-Hexanone	5.00		-	-	-	<5.00
4-Methyl-2-pentanone	5.00		-	-	-	<5.00
Acetone	5.00		-	-	-	<5.00
Benzene	0.500		-	-	-	<0.500
Bromodichloromethane	0.500		-	-	-	<0.500
Bromoform	1.00		-	-	-	<1.00
Bromomethane	2.00		-	-	-	<2.00
Carbon disulfide	1.00		-	-	-	<1.00
Carbon tetrachloride	0.500		-	-	-	<0.500
Chlorobenzene	0.500		-	-	-	<0.500

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L) cont'd.						
Chloroethane	2.00		-	-	-	<2.00
Chloroform	0.500		-	-	-	<0.500
Chloromethane	2.00		-	-	-	<2.00
Dibromochloromethane	0.500		-	-	-	<0.500
Ethylbenzene	0.500		-	-	-	<0.500
Methylene chloride	2.00		-	-	-	<2.00
Styrene	0.500		-	-	-	<0.500
Tetrachloroethene	0.500		-	-	-	<0.500
Toluene	0.500		-	-	-	<0.500
Trichloroethene	0.500		-	-	-	34.8
Vinyl acetate	5.00		-	-	-	<5.00
Vinyl chloride	2.00		-	-	-	<2.00
Xylenes (total)	1.00		-	-	-	<1.00
cis-1,2-Dichloroethene	0.500		-	-	-	10.6
cis-1,3-Dichloropropene	0.500		-	-	-	<0.500
trans-1,2-Dichloroethene	0.500		-	-	-	7.74
trans-1,3-Dichloropropene	0.500		-	-	-	<0.500
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 R% (76 - 114)	-		-	-	-	91.0
sur-Bromofluorobenzene R% (86 - 115)	-		-	-	-	100.0
sur-Toluene-d8 R% (88 - 110)	-		-	-	-	99.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,2,4-Trichlorobenzene	10.0		<11	<10.3	<10.3	<11.0
1,2-Dichlorobenzene	10.0		<11	<10.3	<10.3	<11.0
1,3-Dichlorobenzene	10.0		<11	<10.3	<10.3	<11.0
1,4-Dichlorobenzene	10.0		<11	<10.3	<10.3	<11.0
2,4,5-Trichlorophenol	20.0		<21	<20.6	<20.6	<22.0
2,4,6-Trichlorophenol	10.0		<11	<10.3	<10.3	<11.0
2,4-Dichlorophenol	10.0		<11	<10.3	<10.3	<11.0
2,4-Dimethylphenol	10.0		<11	<10.3	<10.3 JL	<11.0
2,4-Dinitrophenol	50.0		<53 J	<51.6 J	<51.6	<55.0
2,4-Dinitrotoluene	10.0		<11	<10.3	<10.3	<11.0
2,6-Dinitrotoluene	10.0		<11	<10.3	<10.3	<11.0
2-Chloronaphthalene	10.0		<11	<10.3	<10.3	<11.0
2-Chlorophenol	10.0		<11	<10.3	<10.3	<11.0
2-Methylnaphthalene	10.0		<11	<10.3	<10.3	<11.0
2-Methylphenol	10.0		<11	<10.3	<10.3	<11.0
2-Nitroaniline	50.0		<53	<51.6	<51.6	<55.0
2-Nitrophenol	10.0		<11	<10.3	<10.3	<11.0
3,3'-Dichlorobenzidine	20.0		<21 J	<20.6 J	<20.6	<22.0
3-Nitroaniline	50.0		<53	<51.6	<51.6	<55.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID / Sample Date / Notes	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
4,6-Dinitro-2-methylphenol	50.0		<53	<51.6	<51.6	<55.0
4-Bromophenyl phenyl ether	10.0		<11	<10.3	<10.3	<11.0
4-Chloro-3-methylphenol	10.0		<11	<10.3	<10.3	<11.0
4-Chloroaniline	20.0		<21 J	<20.6	<20.6 J	<22.0 J
4-Chlorophenyl phenyl ether	10.0		<11	<10.3	<10.3	<11.0
4-Methylphenol	10.0		<11	<10.3	<10.3 JL	<11.0
4-Nitroaniline	50.0		<53 J	<51.6 J	<51.6	<55.0
4-Nitrophenol	50.0		<53	<51.6	<51.6	<55.0 J
Acenaphthene	10.0		<11	<10.3	<10.3	<11.0
Acenaphthylene	10.0		<11	<10.3	<10.3	<11.0
Anthracene	10.0		<11	<10.3	<10.3	<11.0
Benz(a)anthracene	10.0		<11	<10.3	<10.3	<11.0
Benzo(a)pyrene	10.0		<11	<10.3	<10.3	<11.0
Benzo(b)fluoranthene	10.0		<11	<10.3	<10.3	<11.0
Benzo(g,h,i)perylene	10.0		<11	<10.3	<10.3	<11.0
Benzo(k)fluoranthene	10.0		<11	<10.3	<10.3	<11.0
Benzoic acid	50.0		<53	<51.6	<51.6	<55.0
Benzyl alcohol	20.0		<21	<20.6	<20.6	<22.0
Butyl benzyl phthalate	10.0		<11	8.82 JQ	5.47 JQ	1.53 JQ
Chrysene	10.0		<11	<10.3	<10.3	<11.0
Di-n-butylphthalate	10.0		0.57 JB	<10.3	<10.3	<11.0
Di-n-octylphthalate	10.0		<11	<10.3	<10.3	<11.0
Dibenz(a,h)anthracene	10.0		<11	<10.3	<10.3	<11.0
Dibenzofuran	10.0		<11	<10.3	<10.3	<11.0
Diethylphthalate	10.0		<11	<10.3	<10.3	<11.0
Dimethylphthalate	10.0		<11	<10.3	<10.3	<11.0
Fluoranthene	10.0		<11	<10.3	<10.3	<11.0
Fluorene	10.0		<11	<10.3	<10.3	<11.0
Hexachlorobenzene	10.0		<11	<10.3	<10.3	<11.0
Hexachlorobutadiene	10.0		<11	<10.3	<10.3	<11.0
Hexachlorocyclopentadiene	10.0		<11	<10.3	<10.3 R	<11.0 R
Hexachloroethane	10.0		<11	<10.3	<10.3	<11.0
Indeno(1,2,3-cd)pyrene	10.0		<11	<10.3	<10.3	<11.0
Isophorone	10.0		<11	<10.3	<10.3	<11.0
Naphthalene	10.0		<11	<10.3	<10.3	<11.0
Nitrobenzene	10.0		<11	<10.3	<10.3	<11.0
Pentachlorophenol	30.0		<32	<30.9	<30.9 R	<33.0
Phenanthrene	10.0		<11	<10.3	<10.3	<11.0
Phenol	10.0		<11	<10.3	<10.3	<11.0
Pyrene	10.0		<11	<10.3	<10.3	<11.0
bis(2-Chloroethoxy)methane	10.0		<11	<10.3	<10.3	<11.0
bis(2-Chloroethyl)ether	10.0		<11	<10.3	<10.3	<11.0
bis(2-Chloroisopropyl)ether	10.0		<11	<10.3	<10.3	<11.0

DATA SUMMARY TABLE
QUARTERLY GROUND WATER MONITORING
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes :	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95	LSA1628-3 20-OCT-95	LSA1628-3 14-JAN-96
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L) cont'd.						
bis(2-Ethylhexyl)phthalate	10.0		<11	2.52 JQ	6.72 JQ	<11.0
n-Nitrosodinpropylamine	10.0		<11	<10.3	<10.3	<11.0
n-Nitrosodiphenylamine	10.0		<11	<10.3	<10.3	<11.0
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol R% (10 - 123)	-		89	63	57.9	83.6
sur-2-Fluorobiphenyl R% (43 - 116)	-		70	63	60.1	90.9
sur-2-Fluorophenol R% (21 - 100)	-		64	59	48.9	73.9
sur-Nitrobenzene-d5 R% (35 - 114)	-		72	72	58.1	72.9
sur-Phenol-d6 R% (10 - 94)	-		71	60	50.9	75.2
sur-Terphenyl-d14 R% (38 - 141)	-		88	76	61.1	88.9

Data Qualification Flags/Notes:
J = Estimated quantation based upon QC data
JB = Estimated quantitation: possibly biased high or a false positive based upon blank data
JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
JQ = Estimated quantitation: detected below the Practical Quantitation Limit
R = Datum rejected based upon QC data: do not use.

Prepared By: _____

Checked By: _____

294926

TAB

APPENDIX J

294927

APPENDIX J

PRODUCT IDENTIFICATION REPORT

CORE LABORATORIES

294128

LAW-KENNESAW, GA

FEB 06 1996

FEDERAL SERVICES
STUDIES & ANALYSIS

CORE LABORATORIES
A N A L Y T I C A L R E P O R T

Job Number: 960268
Prepared For:

LAW ENVIRONMENTAL INC
ANN HARBER
7215 PINE FOREST ROAD
PENSACOLA, FL 32526

Date: 01/30/96

Signature

Date: 1/30/96

Name: Larry Scott

CORE LABORATORIES
P O BOX 34766
HOUSTON, TX 77234-4282

Title: Technology Manager

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294929

CORELAB

PETROLEUM TESTING SERVICES

January 30, 1996

Ann Harber
Law Engineering & Environmental Services, Inc.
3355 McLemore Drive
Pensacola, Florida 32514

RE: Carswell Air Force Base Project Core Lab Proj. No. 96-0268

Dear Ms. Harber:

Attached you will find a copy of the results of hydrocarbon analyses for your samples from the Carswell Air Force Base project by modified ASTM method D5134 analyzed on Tueday, January 23, 1996.

Table 1 displays the major hydrocarbons present in the various samples in weight percent, and for reference, samples of Number 1 Diesel, Gasoline, and JP-4 Jet Fuel are also presented. Table 1 represents the values used as input to a statistical pattern matching program with the additional values obtained from number 1 diesel, commercial gasoline and aviation gasoline shown for comparison. The results of this statistical analysis are presented in graphical form in Figure 1.

The dendogram that was generated reflects the overall similarities and relationships between the samples. The samples which are connected together near the left indicate relatively similar samples, while those which are connected together near the right indicate very different samples. Both samples contain components found in number 1 diesel, gasoline, and jet fuel; however, significant differences indicate that the samples cannot be considered exclusive subsets of any of the reference materials.

Thank you for the opportunity to assist Law Engineering with this project. If we can be of any further assistance or if you have any questions, please feel free to contact Core Laboratories at (713) 943-9776.

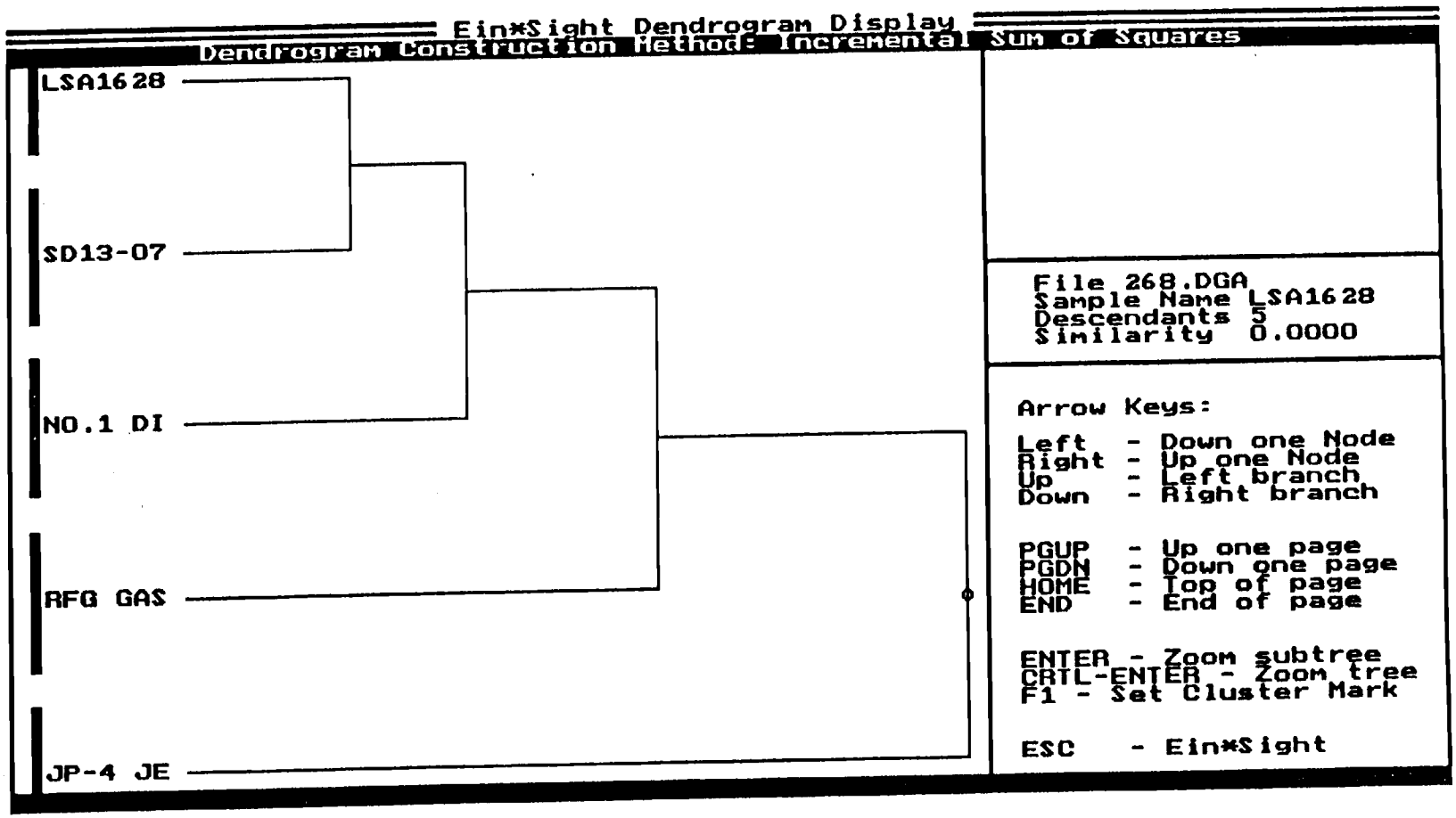
Sincerely,

Aline Rosenzweig

Aline Rosenzweig
Senior Chemist
Core Laboratories, Inc.

Core Laboratories, Inc.
8210 Mosley Road, Houston, Texas 77075-1110, P.O. Box 34766, Houston, Texas 77234-4766, (713) 943-9776, Fax (713) 943-3846

FIGURE 1



294930

Project No. 96-0268

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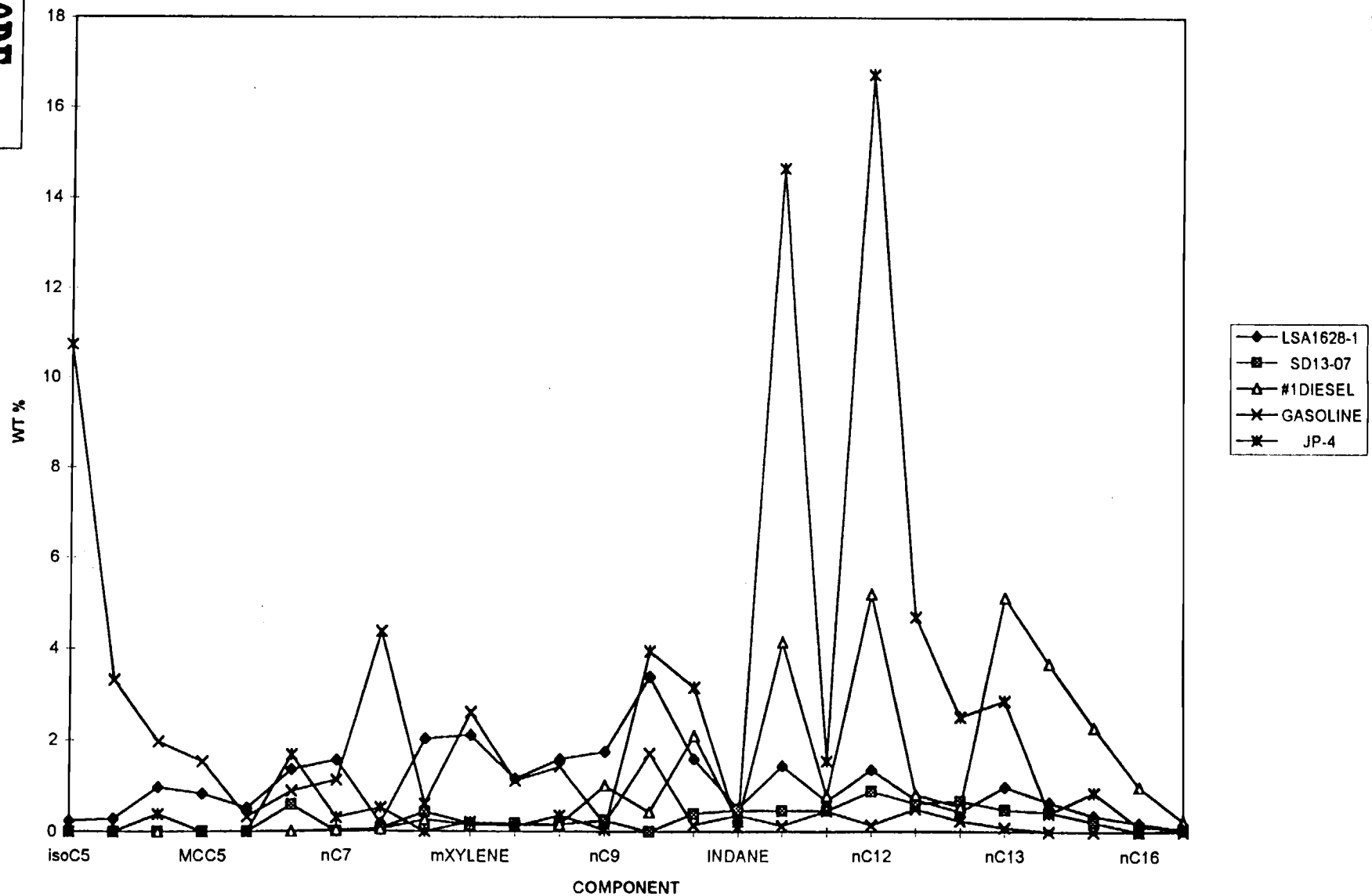
FIGURE 2



CORELAB

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294932

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PETROLEUM TESTING SERVICES

TABLE 1

	LSA1628-1	SD13-07	#1DIESEL	GASOLINE	JP-4
isoC5	0.24	0	0	10.73	0
nC5	0.28	0	0	3.31	0
nC6	0.97	0	0	1.97	0.38
MCC5	0.83	0	0	1.53	0
CC6	0.52	0	0	0.32	0
224TMC5	1.36	0.58	0	0.88	1.68
nC7	1.56	0	0.03	1.12	0.3
TOLUENE	0.18	0.07	0.05	4.35	0.52
nC8	2.03	0.43	0.26	0.6	0
mXYLENE	2.11	0.18	0.14	2.61	0.2
pXYLENE	1.16	0.18	0.14	1.12	0.11
oXYLENE	1.59	0.16	0.16	1.42	0.36
nC9	1.75	0.25	1.01	0.18	0.05
124TMBE	3.38	0	0.43	1.71	3.93
nC10	1.59	0.39	2.09	0.15	3.15
INDANE	0.52	0.47	0.22	0.36	0.1
nC11	1.44	0.46	4.13	0.13	14.65
NAPHTHA	0.67	0.46	0.78	0.45	1.55
nC12	1.36	0.88	5.18	0.14	16.74
2MNAPH	0.7	0.62	0.82	0.49	4.68
1MNAPH	0.44	0.67	0.55	0.23	2.51
nC13	0.99	0.48	5.11	0.09	2.86
nC14	0.65	0.42	3.66	0	0.4
nC15	0.35	0.21	2.28	0	0.86
nC16	0.19	0	0.99	0	0.11
nC17	0.05	0.05	0.23	0	0.08

Project No. 96-0268

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CORE LABORATORIES

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LSA1628-1 Product AA85196 ASTM D-5134

Component Name	Wt.%	LV.%	Mole %
Isopentane	0.24	0.29	0.41
2-Methyl-1-butene	0.03	0.03	0.05
N-Pentane	0.28	0.35	0.48
Trans-2-pentene	0.04	0.05	0.08
Cis-2-pentene	0.02	0.03	0.04
2-Methyl-2-butene	0.07	0.08	0.12
2,2-Dimethylbutane	0.05	0.06	0.08
Cyclopentane	0.08	0.08	0.14
2,3-Dimethylbutane	0.22	0.26	0.32
2-Methylpentane	0.95	1.14	1.36
3-Methylpentane	0.72	0.85	1.03
2-Methyl-1-pentene	0.05	0.05	0.07
1-Hexene	0.03	0.03	0.04
N-Hexane	0.97	1.16	1.40
3-Methylcyclopentene	0.08	0.08	0.11
Trans-3-hexene	0.05	0.05	0.07
4-Methylcyclopentene	0.07	0.07	0.10
2-Methyl-2-pentene	0.08	0.09	0.12
3-Methyl-trans-2-pentene	0.10	0.12	0.15
Cis-2-hexene	0.04	0.04	0.06
2,2-Dimethylpentane	0.06	0.07	0.09
Methylcyclopentane	0.83	0.87	1.22
2,4-Dimethylpentane	0.29	0.34	0.36
1-Methylcyclopentene	0.12	0.12	0.18
3,3-Dimethylpentane	0.10	0.11	0.12
Cyclohexane	0.52	0.55	0.70
2-Methyl-trans-3-hexene	0.03	0.04	0.04
4-Methyl-1-hexene	0.07	0.08	0.09
Cyclohexene	0.03	0.03	0.05
2-Methylhexane	1.14	1.32	1.41
2,3-Dimethylpentane	0.58	0.65	0.71
1,1-Dimethylcyclopentane	0.13	0.14	0.17
3-Methylhexane	1.46	1.67	1.80
3,4-Dimethyl-cis-2-pentene	0.03	0.03	0.04
Cis-1,3-dimethylcyclopentane	0.42	0.44	0.52
Trans-1,3-dimethylcyclopentane	0.39	0.40	0.48
3-Ethylpentane	0.17	0.20	0.21
Trans-1,2-dimethylcyclopentane	0.53	0.56	0.67
2,2,4-Trimethylpentane	1.36	1.49	1.47
Heptenes	0.09	0.10	0.12
Trans-3-heptene	0.16	0.18	0.20
N-Heptane	1.56	1.79	1.92

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Cis-3-heptene	0.08	0.08	0.10
3-Methyl-trans-3-hexene	0.13	0.15	0.17
3-Ethyl-2-pentene	0.08	0.08	0.09
Cis-1,2-dimethylcyclopentane	1.76	1.79	2.21
Cis-2-heptene	0.09	0.10	0.11
1,1,3-Trimethylcyclopentane	0.27	0.28	0.30
Ethylcyclopentane	0.24	0.24	0.30
2,5-Dimethylhexane	0.47	0.53	0.50
2,4-Dimethylhexane	0.48	0.54	0.52
Trans,cis-1,2,4-trimethylcyclopentane	0.29	0.31	0.32
3,3-Dimethylhexane	0.07	0.07	0.07
Trans,cis-1,2,3-trimethylcyclopentane	0.31	0.32	0.34
2,3,4-Trimethylpentane	0.86	0.94	0.93
Toluene	0.18	0.17	0.25
2,3,3-Trimethylpentane	0.57	0.52	0.77
2-Methyl-3-Ethylpentane	0.06	0.07	0.07
2-Methylheptane	1.20	1.35	1.29
4-Methylheptane	0.60	0.66	0.65
Cis,trans,1,2,4-trimethylcyclopentane	0.13	0.13	0.14
3-MethylC7 + Cis, trans,1,2,3-Trimethy	1.17	1.30	1.26
Trans-1,4-dimethylcyclohexane	0.78	0.80	0.86
1,1-Dimethylcyclohexane	0.27	0.27	0.30
3-Ethylhexane	0.08	0.09	0.09
2,2,5-Trimethylhexane	0.22	0.24	0.21
Trans-1-ethyl-3-methylcyclopentane	0.21	0.21	0.23
Cis-1-ethyl-3-methylcyclopentane	0.16	0.16	0.17
Trans-1-ethyl-2-methylcyclopentane	0.21	0.22	0.23
1-Ethyl-1-methylcyclopentane	0.03	0.03	0.03
Trans-1,2,dimethylcyclohexane	0.38	0.39	0.42
2,2,4-Trimethylhexane	0.07	0.07	0.07
1,1,2-trimethylcyclopentane	0.51	0.51	0.56
Trans-1,3,dimethylcyclohexane	0.05	0.05	0.05
N-Octane	2.03	2.26	2.19
Isopropylcyclopentane	0.13	0.13	0.14
Cis-1-ethyl-2-methylcyclopentane	0.08	0.08	0.09
Cis-1,2-dimethylcyclohexane	0.28	0.28	0.31
n-Propylcyclopentane	0.05	0.05	0.06
2,6-Dimethylheptane	0.35	0.39	0.34
1,1,3-Trimethylcyclohexane	0.44	0.44	0.43
Ethylcyclohexane	0.66	0.66	0.64
2,5-Dimethylheptane	0.40	0.43	0.38
3,5-Dimethylheptane	0.09	0.09	0.08
Octenes	0.54	0.59	0.52
Ethylbenzene	0.04	0.03	0.04
Cis,trans,1,3,5-trimethylcyclohexane	0.25	0.26	0.25

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Meta-Xylene	2.11	1.91	2.45
Para-Xylene	1.16	1.06	1.35
2,3-Dimethylheptane	0.07	0.08	0.07
C9 Naphthene	2.03	2.05	1.98
4-Ethylheptane	0.13	0.14	0.13
4-Methyloctane	0.47	0.51	0.45
2-Methyloctane	0.61	0.67	0.58
3-Ethylheptane	0.16	0.18	0.16
3-Methyloctane	0.84	0.93	0.81
Ortho-Xylene	1.59	1.42	1.84
C10 Paraffin	0.53	0.58	0.51
1-Methyl-2-propylcyclopentane	0.20	0.20	0.20
Cis-1-ethyl-3-methylcyclohexane	0.35	0.34	0.34
Trans-1-ethyl-4-methylcyclohexane	0.28	0.27	0.27
N-Nonane	1.75	1.92	1.69
Trans-1-ethyl-3-methylcyclohexane	0.31	0.31	0.30
1-Ethyl-1-methylcyclohexane	0.09	0.09	0.08
Isopropylbenzene	0.06	0.06	0.07
Isopropylcyclohexane	0.28	0.28	0.28
N-propylcyclohexane	0.09	0.09	0.09
N-butylcyclopentane	0.44	0.44	0.43
3,6-Dimethyloctane	0.22	0.24	0.19
3,3-Dimethyloctane	0.53	0.57	0.46
n-Propylbenzene	0.30	0.28	0.31
1-Methyl-3-ethylbenzene(METOL)	2.01	1.83	2.07
1-Methyl-4-ethylbenzene(PETOL)	0.98	0.89	1.01
1,3,5-Trimethylbenzene	1.62	1.47	1.67
5-Methylnonane	0.21	0.23	0.18
4-Methylnonane	0.44	0.48	0.38
1-Methyl-2-ethylbenzene(OETOL)	1.17	1.04	1.20
3-Methylnonane	0.70	0.75	0.60
1,2,4-Trimethylbenzene	3.38	3.05	3.29
C10 Naphthene	0.83	0.83	0.73
Isobutylbenzene	0.20	0.18	0.18
N-Decane/Sec-butylbenzene	1.59	1.71	1.38
1,2,3-TrimethylBZ/1-M-3-isopropylBZ	0.98	0.86	1.01
1-Methyl-4-isopropylbenzene	0.10	0.09	0.09
Indane (2,3-Dihydroindene)	0.52	0.43	0.55
Butylcyclohexane	0.15	0.15	0.13
1-Methyl-2-isopropylbenzene	0.16	0.14	0.15
1,3-Diethylbenzene	0.34	0.31	0.32
1-Methyl-3-n-propylbenzene	0.97	0.87	0.89
1,4-Diethylbenzene	0.79	0.72	0.73
N-Butylbenzene/1-Methyl-4-n-propylBZ	0.57	0.52	0.53
1,2-Diethylbenzene	0.12	0.11	0.11

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1,3-Dimethyl-2-ethylbenzene	0.19	0.17	0.17
1-Methyl-2-n-propylbenzene	0.19	0.17	0.17
4-Methyldecane	0.22	0.23	0.18
1,4-Dimethyl-2-ethylbenzene	0.46	0.41	0.42
1,3-Dimethyl-4-ethylbenzene	1.07	0.96	0.99
3-Methyldecane	0.27	0.28	0.22
1,2-Dimethyl-4-ethylbenzene	0.62	0.56	0.57
1-Methyl-4-terbutylbenzene	0.39	0.35	0.36
4-Methylindane	0.51	0.45	0.47
1,2-Dimethyl-3-Ethylbenzene	0.30	0.27	0.28
1,2,4,5-Tetramethylbenzene (Durene)	0.48	0.42	0.44
N-Undecane	1.44	1.53	1.14
C11 Aromatics	4.59	4.03	3.83
1,2,3,5-Tetramethylbenzene (Isodurene)	0.66	0.58	0.60
1,2,3,4-Tetramethylbenzene (Prehnitene	0.62	0.54	0.57
Pentylbenzene	0.21	0.19	0.18
5-Methylindane	0.50	0.42	0.47
Naphthalene	0.67	0.55	0.65
N-Dodecane	1.36	1.42	0.99
2-Methylnaphthalene	0.70	0.58	0.61
1-Methylnaphthalene	0.44	0.36	0.38
N-Tridecane	0.99	1.00	0.68
N-Tetradecane	0.65	0.57	0.44
N-Pentadecane	0.35	0.31	0.21
N-Hexadecane	0.19	0.16	0.11
N-Heptadecane	0.05	0.04	0.02
Unidentified	17.92	17.69	14.76
	100.00	100.00	100.00

	Paraffin	Isopara.	Olefins	Naphth.	Aromatic
C4	0.00	0.00	0.00		
C5	0.35	0.29	0.20	0.08	
C6	1.16	2.32	0.69	1.43	0.00
C7	1.79	4.36	0.84	3.58	0.17
C8	2.26	7.71	0.59	4.87	4.42
C9	1.92	3.58		4.77	9.90
C10	1.71	2.84		0.98	7.99
C11	1.53	0.52			5.95
Total LV %	10.71	21.63	2.33	15.70	28.44
Unidentified	21.20				
Mol WT of Sample		123.6			
Mol WT C6 Plus		124.0			
Density of Sample		0.7900			
Density C6 Plus		0.7910			

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CORE LABORATORIES

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SD13-07 Product AA85197 ASTM D-5134

Component Name	Wt.%	LV.%	Mole %
2,3-Dimethylpentane	0.08	0.10	0.12
1,1-Dimethylcyclopentane	0.03	0.03	0.04
Cis-1,3-dimethylcyclopentane	0.03	0.03	0.04
Trans-1,3-dimethylcyclopentane	0.03	0.03	0.04
3-Ethylpentane	0.02	0.03	0.03
Trans-1,2-dimethylcyclopentane	0.12	0.13	0.17
2,2,4-Trimethylpentane	0.58	0.65	0.72
Cis-1,2-dimethylcyclopentane	0.40	0.41	0.57
1,1,3-Trimethylcyclopentane	0.17	0.18	0.21
2,5-Dimethylhexane	0.15	0.17	0.18
2,4-Dimethylhexane	0.20	0.23	0.25
Trans,cis-1,2,4-trimethylcyclopentane	0.20	0.22	0.25
3,3-Dimethylhexane	0.05	0.06	0.07
Trans,cis-1,2,3-trimethylcyclopentane	0.32	0.34	0.40
2,3,4-Trimethylpentane	0.50	0.56	0.61
Toluene	0.07	0.06	0.10
2,3,3-Trimethylpentane	0.33	0.31	0.51
2-Methyl-3-Ethylpentane	0.10	0.11	0.13
3,4-Dimethylhexane	0.06	0.07	0.08
Cis,trans,1,2,4-trimethylcyclopentane	0.04	0.04	0.05
Trans-1,4-dimethylcyclohexane	0.86	0.90	1.07
1,1-Dimethylcyclohexane	0.25	0.26	0.31
3-Ethylhexane	0.15	0.17	0.19
2,2,5-Trimethylhexane	0.53	0.59	0.58
Trans-1-ethyl-3-methylcyclopentane	0.03	0.03	0.04
Cis-1-ethyl-3-methylcyclopentane	0.03	0.03	0.04
Trans-1-ethyl-2-methylcyclopentane	0.21	0.22	0.26
1-Ethyl-1-methylcyclopentane	0.05	0.05	0.06
Trans-1,2,dimethylcyclohexane	0.55	0.57	0.68
2,2,4-Trimethylhexane	0.07	0.08	0.08
1,1,2-trimethylcyclopentane	0.27	0.28	0.34
N-Octane	0.43	0.49	0.52
Isopropylcyclopentane	0.08	0.09	0.10
Cis-1-ethyl-2-methylcyclopentane	0.04	0.04	0.05
Cis-1,2-dimethylcyclohexane	0.41	0.41	0.51
4,4-Dimethylheptane	0.03	0.04	0.04
n-Propylcyclopentane	0.07	0.07	0.08
2,6-Dimethylheptane	0.49	0.56	0.54
1,1,3-Trimethylcyclohexane	1.10	1.14	1.22
Ethylcyclohexane	0.64	0.66	0.71
2,5-Dimethylheptane	0.52	0.58	0.57
3,5-Dimethylheptane	0.14	0.15	0.15

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Ethylbenzene	0.09	0.09	0.12
Cis,trans,1,3,5-trimethylcyclohexane	0.55	0.57	0.61
Meta+Para-Xylene	0.36	0.33	0.48
2,3-Dimethylheptane	0.08	0.09	0.08
C9 Naphthene	2.38	2.45	2.64
4-Ethylheptane	0.18	0.20	0.20
3-Ethylheptane	0.42	0.47	0.46
3-Methyloctane	0.08	0.09	0.09
Ortho-Xylene	0.16	0.15	0.21
C10 Paraffin	1.19	1.34	1.30
1-Methyl-2-propylcyclopentane	0.32	0.32	0.36
Cis-1-ethyl-3-methylcyclohexane	0.56	0.56	0.62
Trans-1-ethyl-4-methylcyclohexane	0.49	0.49	0.54
N-Nonane	0.25	0.28	0.27
Trans-1-ethyl-3-methylcyclohexane	0.66	0.68	0.73
1-Ethyl-1-methylcyclohexane	0.17	0.18	0.19
Isopropylbenzene	0.03	0.03	0.04
Isopropylcyclohexane	0.62	0.64	0.69
N-propylcyclohexane	0.24	0.25	0.27
N-butylcyclopentane	0.80	0.82	0.89
3,6-Dimethyloctane	1.26	1.39	1.24
3,3-Dimethyloctane	1.47	1.62	1.45
n-Propylbenzene	0.33	0.31	0.39
1-Methyl-3-ethylbenzene(METOL)	0.06	0.05	0.07
1-Methyl-4-ethylbenzene(PETOL)	0.25	0.24	0.29
1,3,5-Trimethylbenzene	0.97	0.90	1.13
5-Methylnonane	0.19	0.21	0.18
4-Methylnonane	0.19	0.21	0.18
1-Methyl-2-ethylbenzene(OETOL)	0.17	0.16	0.20
3-Methylnonane	0.55	0.61	0.55
1,2,4-Trimethylbenzene	0.16	0.15	0.18
C10 Naphthene	2.81	2.88	2.82
Isobutylbenzene	0.44	0.42	0.46
N-Decane/Sec-butylbenzene	0.39	0.43	0.38
1,2,3-TrimethylBZ/1-M-3-isopropylBZ	0.05	0.04	0.06
1-Methyl-4-isopropylbenzene	0.11	0.10	0.11
Indane (2,3-Dihydroindene)	0.47	0.39	0.55
Butylcyclohexane	0.08	0.09	0.08
1-Methyl-2-isopropylbenzene	0.78	0.73	0.82
1,4-Diethylbenzene	0.35	0.33	0.37
1-Methyl-3-n-propylbenzene	0.79	0.73	0.83
N-Butylbenzene/1-Methyl-4-n-propylBZ	0.18	0.17	0.19
1,3-Dimethyl-5-ethylbenzene	0.24	0.23	0.25
1,2-Diethylbenzene	0.20	0.18	0.21
1,3-Dimethyl-2-ethylbenzene	0.39	0.36	0.40

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1-Methyl-2-n-propylbenzene	0.70	0.64	0.73
4-Methyldecane	0.12	0.13	0.11
1,3-Dimethyl-4-ethylbenzene	0.49	0.45	0.51
3-Methyldecane	0.14	0.15	0.12
1,2-Dimethyl-4-ethylbenzene	0.72	0.66	0.75
1-Methyl-4-terbutylbenzene	0.55	0.51	0.58
4-Methylindane	0.70	0.63	0.73
1,2-Dimethyl-3-Ethylbenzene	0.22	0.20	0.23
1,2,4,5-Tetramethylbenzene (Durene)	0.32	0.29	0.34
N-Undecane	0.46	0.50	0.41
C11 Aromatics	8.76	7.86	8.29
1,2,3,5-Tetramethylbenzene (Isodurene)	0.32	0.29	0.33
1,2,3,4-Tetramethylbenzene (Prehnitene	0.39	0.35	0.41
Pentylbenzene	0.23	0.21	0.22
5-Methylindane	0.20	0.17	0.21
Naphthalene	0.46	0.39	0.51
N-Dodecane	0.88	0.93	0.72
2-Methylnaphthalene	0.62	0.52	0.62
1-Methylnaphthalene	0.67	0.57	0.66
N-Tridecane	0.48	0.49	0.37
N-Tetradecane	0.42	0.38	0.32
N-Pentadecane	0.21	0.19	0.14
N-Heptadecane	0.05	0.04	0.03
Unidentified	48.93	49.38	45.75
	100.00	100.00	100.00

	Paraffin	Isopara.	Olefins	Naphth.	Aromatic
C4	0.00	0.00	0.00		
C5	0.00	0.00	0.00	0.00	
C6	0.00	0.00	0.00	0.00	0.00
C7	0.00	0.13	0.00	0.64	0.06
C8	0.49	2.76	0.00	4.37	0.57
C9	0.28	2.43		8.09	2.27
C10	0.43	5.37		2.96	6.69
C11	0.50	0.27			10.29
Total LV %	1.69	10.95	0.00	16.07	19.88
Unidentified	51.41				
Mol WT of Sample		140.3			
Mol WT C6 Plus		140.3			
Density of Sample		0.8074			
Density C6 Plus		0.8074			

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