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NAS FORT WORTH
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FINAL BASEWIDE QUARTERLY GROUNDWATER MONITORING FIRST SEMIANNUAL REPORT VOLUME 3 OF 3 APPENDICES NAS FORT WORTH TX
3/1/1996
LAW ENGINEERING AND ENVIRONMENTAL

File: 17G
A.F.
282000

NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 282

File:
A.F. 17A-60

282001

11-3517-3201

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

VOLUME 3: APPENDICES

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

March 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

282002

TAB

APPENDIX A

282003

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.

Maxim, 1991. Subsurface Contamination Assessment Building No. 1337; Maxim Engineers, Inc., April 1990.

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.

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

282005

TAB

APPENDIX B

282006

APPENDIX B

TASK DESCRIPTION

REF-DSA

CONTRACTOR COPY

55X

ORDER FOR SUPPLIES OR SERVICES

1. PAGE 1 OF 5 282007

2. PROC INSTRUMENT ID NO. (PIIN)	3. CALL/ORDER NO.	4. DATE OF ORDER*	5. REQUISITION/PURCHASE REQUEST PROJECT NO.	6. CERTIFIED FOR NATIONAL DEFENSE UNDER BDC REG 2/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 18 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(a)( ) as specified in the schedule if within the U.S., its possessions or Puerto Rico; if otherwise, under 2304(a)(6).

☐ 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

31. PAID BY

32. Amount Verified Correct For

30. PAYMENT ☐ COMPLETE ☐ PARTIAL ☐ FINAL

33. CHECK NUMBER

34. BILL OF LADING NO.

36. 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.

*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

PREVIOUS EDITION 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

282012

3 Sep 94

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

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.

282018

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.

282019

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	~~A~~SREQ	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

ANNEX A, TABLE A-1

Estimated Analytical Methods

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.

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.

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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.

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TAB

APPENDIX C

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APPENDIX C

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'	
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'	

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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
FDTA 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'	
FDTA 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'	
	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
POL Tank Farm SWMU 68 IRP #17	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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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
	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 & Boyston	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 Northern area of base East of Taxiway Driv	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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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
	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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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
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

282033

282034

TAB

APPENDIX D

APPENDIX D

CHAIN OF CUSTODY FORMS

282035

APPENDIX D-1

FIRST QUARTER CHAIN OF CUSTODY FORMS

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

CHAIN OF CUSTODY RECORD

05575

SAMPLING INFORMATION
NAME OF FACILITY:
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: Arsenic
JOB NO.: ~~H-155-645~~ H-25W-3001
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 12 1995

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.
1515	X			FTOG-13C	3	2					1									
1440	X			FTOG-12A	3	2					1									
1300	X			FDUP-7	3	2					1									
1500	X			FTOG-12B	3	2					1									

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
[illegible]	1800 4/12/95					

282036

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REMARKS

Fed Ex 8510657111

***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

35576

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carswell
JOB NO.: 11-350-3 01
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 12 1995

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.
1630				FT08-11A	3		2					1												
1640				LF05-SD	3		2					1												
1620				GM122-22M	3		2					1												
1640				GM122-01M	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/12/95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 8519059127

***SOURCE CODES**

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

282037

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

CHAIN OF CUSTODY RECORD

5577, 29 [illegible]

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible] 12, 1995

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.
1640	X			GM122-01M	3	3																		
1605	X			T125-11B	3	3																		
1555	X			LP05-SC	3	3																		
1715	X			WP07-10C	3	3																		
1800	X			TB-7	2	2																		
[illegible]	X			T4A	3	3																		
1755	X			T6A	3	3																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/29/1500	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed Ex 4777 329200

***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

282038

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

CHAIN OF CUSTODY RECORD

05578

SAMPLING INFORMATION
NAME OF FACILITY:
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: CCIRUCCS
JOB NO.: 11257-3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7/26/18, 1995

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.
1715	X			UPOW-10C	3		3					1													
1710	X			T4A	3		2					1													
1[illegible]	X			PG-1	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7/27/95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex: 851905 7136

***SOURCE CODES**

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

382039

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

CHAIN OF CUSTODY RECORD

5579 v DA

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Clayswell
JOB NO.: 11-3017-3201
SAMPLERS (SIGNATURE): Kathleen M Rice
SAMPLING DATE: April 13, 1995

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.
08:40	X			EB-8	6	3	2					1												
09:45	X			LF01-1E	3	3																		
09:35	X			LF01-1C	3	3																		
12:00	X			FDOP-5	3	3																		
10:45	X			LF01-1A	3	3																		
12:40	X			GM122-04M	3	3																		
11:55	X			GM122-06M	3	3																		
12:15	X			GM122-03M	3	3																		
11:30	X			LF01-1D	3	3																		
14:15	X			GM122-05M	3	3																		
18:00	X			TB-8	2	2																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Kathleen M Rice (SIGNATURE)	4/13/95 18:00	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

282040

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REMARKS

Fed Ex 4777329196

***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

580

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carswell
JOB NO.: 11-2517-3201
SAMPLERS (SIGNATURE): Kathleen M Rice
SAMPLING DATE: April 13, 1995

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.
09:45	X			LF01-1E	3		2					1													
09:35	X			LF01-1C	3		2					1													
12:00	X			FDUP-5	3		2					1													
0945	X			LF01-1A	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Kathleen M Rice (SIGNATURE)	4/13/95 18:00	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex: 8519057059

***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

252044

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

CHAIN OF CUSTODY RECORD

5581

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carswell
JOB NO.: 11-3517-320
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 13, 1995

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.
12:40	X			GMI22-04M	3		2					1												
11:35	X			GMI22-06M	3		2					1												
12:15	X			GMI22-03M	3		2					1												
1:30	X			LF01-1D	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/13/95 1:30	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

282042

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REMARKS

Fed ex: 8519057066

***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

5583

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Cuskwell
JOB NO.: 113577-3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 13, 1995

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.
1415	X			GM122-CCM	3		2					1													
1433	X			BSS+	3		2					1													
1432	X			BS-B	3		0					1													
1437	X			MW-7	3		0					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/13/95 18:22	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 8519057075

***SOURCE CODES**

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

282043

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:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
[illegible]	X			[illegible]	3		2					1												
[illegible]	X			[illegible]	2		2					1												
[illegible]	X			[illegible]	1							1												
[illegible]	X			[illegible]	3		2					1												
1630	X			[illegible]	2		2																	

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4-5 [illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

282044

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REMARKS

Fed ex 477 7[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

10240

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
1500	X			[illegible]	3	3																		
1440	X			[illegible]	3	3																		
1500	X			[illegible]	3	3																		
[illegible]	X			[illegible]	3	3																		
1630	X			CT150	4 ~~3~~	3	1																	
630	X			[illegible]	3	3																		
1630	X			[illegible]	3	3																		
1630	X			[illegible]	6 ~~3~~	3	3																	

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4-8-95 1300	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fedex 4777329354

*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[illegible] - SW
NON-AQUEOUS - NA

282045

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

CHAIN OF CUSTODY RECORD

10241

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE):
SAMPLING DATE: [illegible]

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.
1630	X			[illegible]	4		3					1													
1630	X			[illegible]	1							1													
1630	X			[illegible]	1		1																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/3/18	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed Ex: 477132935

***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

282046

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

CHAIN OF CUSTODY RECORD

10242

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE

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.
1242	X			[illegible]	[illegible]		[illegible]				1									
1255	X			[illegible]							1									
1251	X			[illegible]			[illegible]				1									
1245	X			[illegible]			[illegible]				1									

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

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REMARKS Fed Ex [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

382047

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

CHAIN OF CUSTODY RECORD

10243

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: _____
STREET ADDRESS: _____

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
1745	X			[illegible]																				
1745	X			[illegible]																				
1515	X			[illegible]																				

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	[illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 477 732 7334

***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

282048

SAMPLING DATE [illegible]

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.
1300	X			FDUP-4 (4-10-95)	3	3																		
1015	X			ST14-W23 (4-10-95)	3	3																		
1145	X			ST14-W21 (4-10-95)	3	3																		
1130	X			SD13-[illegible] (4-10-95)	3	3																		
11:30	X			SD13-[illegible] (4-10-95)	3	3																		
11:30	X			SD13-[illegible] (4-10-95)	3	3																		
1500	X			EB-4 (4-9-95)	6	3	2					1												
17:45	X			EB-[illegible] (4-10-95)	6	3	2					1												
1800	X			ST14-[illegible] (4-10-95)	3	3																		
1730	X			ST14-[illegible] (4-9-95)	3	3																		
1741	X			ST14-[illegible] (4-9-95)	3	3																		

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

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REMARKS

fed ex 4779329292

***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

282049

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

CHAIN OF CUSTODY RECORD

10245

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: _____
STREET ADDRESS: _____

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
[illegible]	X			[illegible]	[illegible]		[illegible]					[illegible]	[illegible]												
[illegible]	X			[illegible]	[illegible]		[illegible]					1													
[illegible]	X			[illegible]	[illegible]		[illegible]					1													
[illegible]	X			[illegible]	[illegible]		[illegible]					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	[illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 4777329325

***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

282050

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

CHAIN OF CUSTODY RECORD

10246

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3001
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: April 10, 1995

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.
0840	X			ST14-W13	3		2					1												
0900	X			SD4-02	3		2					1												
0915	X			ST14-01	3		2					1												
1300	X			ST14-04	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	4/10/95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 4777 3293 4

***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

282051

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

CHAIN OF CU DDY RECORD

10247

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible] AB
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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			5714-001	3		3				1									
1100	X			5714-005	3		3				1									
1115	X			5714-003	3		3				1									
				[illegible]	3		3				1									

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	[illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex [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

282052

1-800-

Page 2 of 2

CHAIN OF CUSTODY RECORD

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

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: 011A

STREET ADDRESS: 012A

PROJECT NAME: [illegible]

JOB NO.: [illegible]

SAMPLERS (SIGNATURE): [illegible]

SAMPLING DATE: [illegible]

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.
1751	X			ST14 [illegible]	3	3																		
0915	X			ST14-01 (4[illegible])	3	3																		
0900	X			ST14-02 (4[illegible])	3	3																		
0840	X			ST14-013 (4[illegible])	3	3																		
1000	X			ST14-[illegible] (4[illegible])	3	3																		
1440	X			ST14-011 (4[illegible])	3	3																		
1745	X			ST14-[illegible] (4[illegible])	3	3																		
1745	X			ST14 [illegible] (4[illegible])	3	3																		
1745	X			ST14-[illegible] (4[illegible])	3	3																		
1800	X			TB-5	2	2																		
1515	X			ST14-008	3	3																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/10/[illegible] 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed ex 4777329[illegible]42

***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

282053

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

CHAIN OF CUSTODY RECORD

10242

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible] 11/1995

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[illegible]	X			714-020	3		2					1								
14[illegible]	X			FDUP-3	3		2					1								
15[illegible]	X			714-0016	3		2					1								
1[illegible]	X			FDUP-6	3		2					1								

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	18/11/95	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex 4777325144

*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

282054

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

CHAIN OF CUSTODY RECORD

VOA

10250

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
0940	X			FB-6	6	3	2					1								
1700				GMW22-08W		4														
1555				STW-W19 *		4														
1731				P3A		3														
1710				GMW22-07W		3														
1653				T7		3														
1630				T3		3														
1530				FDUP-6		3														
1753				STW-W16		3														
1455				FDUP-3																
1455				STW-W20																

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	04/11/04 [illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: [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

2820055

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

CHAIN OF CUSTODY RECORD

10251

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carbide 11 HAR
JOB NO.
SAMPLERS (SIGNATURE): Samuel Pierce
SAMPLING DATE: 4/11/95

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)	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				GM122-08M *			6					3													

S. Pierce 4/11/95

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Samuel Pierce (SIGNATURE)	4/11 1630	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: * MS/MSD
FED EX# 477329244

*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

282056

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

CHAIN OF CUSTODY RECORD

10052

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CARSWELL, AFB
STREET ADDRESS: Fort Worth, TX

PROJECT NAME: CARSWELL AFB
JOB NO.
SAMPLERS (SIGNATURE): Samuel Preve
SAMPLING DATE: 4/11/95

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)	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.
1555				ST14 - 1019 *			6					3												

S Preve
4/11/95

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Samuel Preve (SIGNATURE)	4/11 1832	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: FED EX # 477329222
MS/MSD

*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

282057

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

CHAIN OF CUSTODY RECORD

Page 1 of 2

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Caswell
JOB NO.: 113517321
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: May 13, 1995

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			LF05-SG	6	3	2					1													
1800	X			IDW-1	3	3																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)		(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fed Ex: 4777329196

***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

282058

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

CHAIN OF CUSTODY RECORD

3579

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: [illegible]
JOB NO.: 11 3510-3001
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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.
1800	X			1DW-1	6		5					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/13/1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed ex: 8519057093

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]TE - HW
SURFACE WA[illegible] - SW
NON-AQUEOUS - NA

282059

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

CHAIN OF CUSTODY RECORD

5563

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: NAS Ft Worth (Carswell)
STREET ADDRESS: Fort Worth Texas

PROJECT NAME: Base Wide Well Monitoring
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 6-Apr-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.
15:00	X		MW	EB-1 (GWT-040171)	2					1	1									
16:32	X		MW	LF04-4D	3					2	1									
15:19	X		MW	LF04-4E	3					2	1									
15:19	X		MW	LF04-4E MS	3					1	1									
~~15:19~~	~~X~~		~~MW~~	~~LF04-4E MSD~~ TDM 6/4/95	~~0~~ 3	TDM 6/4/95				~~2~~	~~1~~	TDM 6/4/95								
~~16:55~~	~~X~~		~~MW~~	~~LF04-4F~~ TDM 6/4/95	~~0~~ 3	TDM 6/4/95				~~2~~	~~1~~	TDM 6/4/95								
17:15	X		MW	WP07-10B	~~3~~ 1	TDM 6/4/95				~~2~~	1									

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	6/6/95 1800	FED-X 3998406[illegible] (SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

***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

262060

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

CHAIN OF CUSTODY RECORD

564 011A

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: NAS FT WORTH (CARSWELL)
STREET ADDRESS: FORT WORTH, TEXAS

PROJECT NAME: Base Wide Well Monitoring
JOB NO.: 14-3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 6 April 95

TIME	GRAB	COMP.	*SOURCE CODE	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	CONTAINER TYPE: 40 ml G VOA HCl SW 8260	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.
15:00	X		MW	EB-1 (GMI-0401M)	2	2																			
16:32	X		MW	LF04-4D	3	3																			
15:19	X		MW	LF04-4E	3	3																			
15:19	X		MW	LF04-4EMS	~~3~~ 4 TDM 6-4-95	3					1														
15:19	X		MW	LF04-4EMSD	~~3~~ 6 TDM 6-4-95	3					2	1													
16:55	X		MW	LF04-4F	~~3~~ 6 TDM 6-4-95	3					2	1													
17:15	X		MW	WP07-10B	~~3~~ 5 TDM 6-4-95	3					2														
—	X		MW	TB-1	2	2																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	4/5/95 1400	FED-X 3998406716 (SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

*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

282061

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

CHAIN OF CUSTODY RECORD

VOA

565 011A

SAMPLING INFORMATION
NAME OF FACILITY:
STREET ADDRESS:
NPDES NUMBER

PROJECT NAME: Canon CC
JOB NO.
SAMPLERS (SIGNATURE): Michelle Hines
SAMPLING DATE: 4-7-95

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.
0845	X			EB-2		2	2					1								
0840	X			F-DUP-1		3	2					1								
8:20	X			GWI-24-01M		3	0					0								
16:15	X			MW-12		3														
16:20	X			LF04 4A		3														
15:40	X			LF04-4B		3														
16:55	X			MW-8		3														
17:10	X			MW-9		3														
	~~X~~			~~MW-12~~ MRM		~~3~~														
16:35	X			MW-11		3														
7:30	X			TB-2		2														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
MRHines	4-7-95 16:10					

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REMARKS: ~~3188804570~~ - Fed Express #
3188804566 DFT

*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

282062

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CHAIN OF CUSTODY RECORD

15567

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Leaswell
JOB NO.: 11-2371-20
SAMPLERS (SIGNATURE): Michelle Hines
SAMPLING DATE: 4-7-95

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.
16:55	X			MW-8		2					1													
17:10	X			MW-9		2					1													
16:35	X			MW-11		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE)	4/7/95 16:22	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS Fedex 318804555

***SOURCE CODES**

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

282063

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CHAIN OF CUSTODY RECORD

15568

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Roswell
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 8, 1995

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.
1055	X			BSSA	3	2					1									
1115	X			MW-5	3	2					1									
1345	X			SD13-01	3	2					1									
1415	X			SD13-03	3	2					1									

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE)	4/8/95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS

Fedex: 4777329406

***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

*52064

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CHAIN OF CUSTODY RECORD

5569

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Oakwell
JOB NO.: 11-3317-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: April 8 1995

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.
1415	X			SD13-03MS	3		2					1												
1415	X			SD13-03MSD	3		2					1												
1510	X			SD14-1022	3		2					1												
1440				SD13-02	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	4/8/95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed ex 4777329372

*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

282065

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CHAIN OF CUSTODY RECORD

15570

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Carswell
JOB NO.: 11 3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: April 8, 1995

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.
0810	X			EB-3	3		2					1												
1030	X			MW-7	3		2					1												
1000	X			FDUP-2	3		2					1												
1000	X			BSSB	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	18.9 / 18/8/95	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS Fed ex # 47344873

***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

282066

VOA
Page 1 of 2

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: 011A
STREET ADDRESS:

PROJECT NAME: Carswell
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE):
SAMPLING DATE: April 8, 1995

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.
0810	X			EB-3	3	3																		
1115	X			MW-5	3	3																		
1055	X			BSSA	3	3																		
1000	X			FDUP-2	3	3																		
1030	X			MW-1	3	3																		
1000	X			BSSB	3	3																		
1800	X			TB-3	2	2																		
1345	X			SD13-01	3	3																		
1415	X			SD13-03	3	3																		
1415	X			SD13-03MS	3	3																		
1415	X			SD13-03MSD	3	3																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	4-8-95 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed ex 4777329384

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

282067

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

CHAIN OF CUSTODY RECORD

5572

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Caldwell
JOB NO.: 11-3517-01
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: April 11, 1994

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.
1630	X			T3	3	2					1									
1733	X			T7	3	2					1									
1318	X			SM/22-07M	3	2					1									
1231				P3A	3	2					1									

RELINQUISHED BY:	DATE/ TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	4/11/94 1800	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS
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*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

8902038

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CHAIN OF CUSTODY RECORD

1288 / 42
5573
VOA

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Caswell
JOB NO.: 11-3577-3001
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: Apr 12, 1995

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.
1500	X			FT09-12BMS	3	3																			
1500	X			FT09-12BMSD	3	3																			
1500	X			FT09-12B	3	3																			
1200	X			FDUP-7	3	3																			
14:40	X			FT09-12A	3	3																			
~~15:00~~	~~X~~			~~FT09-12B~~	~~3~~	~~3~~																			
15:15	X			FT09-12C	3	3																			
0745	X			EB-7	6 ~~3~~	3	2					1													
1630	X			FT08-11A	3	3																			
1640	X			LF05-5C	3	3																			
1620	X			GM122-02M	3	3																			

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REMARKS Fed Ex: 4777329200

***SOURCE CODES**

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

282069

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

05574

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME: Cabwell
JOB NO.: 11-3577-3001
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: April 12 1995

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.
1500	X			FT09-12B MS	3		2					1												
1500	X			FT09-12B MSD	3		2					1												
1605	X			FT08-11B	3		2					1												
15.55	X			~~X~~ LF05-SC	3		2					1												

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REMARKS: Fed ex 8517057102

*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

282070

APPENDIX D-2

SECOND QUARTER CHAIN OF CUSTODY FORMS

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(904) 944-9772

CHAIN OF CUSTODY RECORD

1350

LENL-A

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE 7 12 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.
1410	X		MW	ST14-W15	4	4														
1505	X		MW	ST14-W23	5	5														
1125	X		MW	ST14-W21	7	4	3					1								
0915	X		MW	LF07-10C	4	4														
0845	X		MW	LF05-5G	4	4														
0730	X		MW	FDUP-6	4	4														
1050	X		MW	~~1050~~ BC ST14-W16	4	4														
~~X~~ BC 1700	X		DI	TB-071295	2	2														
1550	X		MW	ST14-W20	5	5														
1405	X		MW	ST14-04	5	5														
0730	X		MW	FDUP-3	5	5														

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE)	7 12 95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS Incl Ex # 4777 5 0405

***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

282072

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

CHAIN OF CUSTODY RECORD

01351

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: FT Worth

PROJECT NAME: Carswell AFB
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-12-95

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.
0730	1		MW	FDUP-6	3		2					1													
1410	1		MW	STI4 W15	3		2					1													
1050	1		MW	STI4 - W4	3		2					1													
1500	1		MW	STI4 W23	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-12-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: [illegible]

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]TE - HW
SURFACE WA[illegible] - SW
[illegible]N AQUEOUS - NA

282073

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

CHAIN OF CUSTODY RECORD

1352

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE

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.
1405	X		MW	ST14-04	[illegible]		[illegible]					1												
0730	X		MW	[illegible] 3	3		2					1												
[illegible]	X		MW	[illegible]	3		2					1												
0[illegible]	X		MW	WP07 [illegible]	[illegible]		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	[illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS [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

282074

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

CHAIN OF CUSTODY RECORD

1353

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE

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.
0900	X		MW	[illegible]	[illegible]	[illegible]														
1115	X		MW	[illegible]	5	5														
1540	X		MW	1 TOX 12B	5	5														
1540	X		MW	1 TOX 12B MS	5	5														
1540	X		MW	1 TOX - 12B MSD	5	5														

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY LABORATORY: (SIGNATURE)	DATE / TIME
[illegible]	7/17/90 1700					

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PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS [illegible]

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
[illegible]N-AQUEOUS - NA

282075

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

CHAIN OF CUSTODY RECORD

01354

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE

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		MW	[illegible]	3		2					1								
0900	X		MW	[illegible]	3		2					1								
[illegible]	X		MW	[illegible]	3		2					1								

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE)	[illegible]	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS [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

282076

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

CHAIN OF CUSTODY RECORD

01355

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY:
STREET ADDRESS:

PROJECT NAME
JOB NO.
SAMPLERS (SIGNATURE)
SAMPLING DATE

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.
1540	X		MW	FT09 - 2B	3		2					1								
1540	X		MW	FT01 - 2B DUP	3		2					1								
1540	X		MW	FT03 - 2B MSD	3		2					1								

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

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY.
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REMARKS

*SOURCE CODES

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

282077

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

CHAIN OF CUSTODY RECORD

01357

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

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-13-95

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.
1355	X		MW	ST14-W09	5	5														
1355	X		MW	ST14-W09MS	5	5														
1355	X		MW	ST14-W09MSD	5	5														
1515	X		MW	LT01-1A	5	5														
1410	X		MW	LF05-5C	5	5														
1525	X		MW	LF05-5D	5	5														
0730	X		MW	FDUP-7	5	5														
1045	X		MW	FT09-12A	5	5														
1120	X		MW	P6A	5	5														
1530	X		MW	ST14-03	5	5														
1420	X		MW	ST14-W19MSD	5	5														

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-13-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex # 4777 325 313
LENL-D

*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

282078

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

CHAIN OF CUSTODY RECORD

11358

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Caesar Ave
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QERLY Sampling
JOB NO.: 11-5517-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-13-95

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.
1420	X		MW	ST14-W19	5	5																			
1420	X		MW	ST14-W19MS	5	5																			
1025	X		MW	ST14-01	5	5																			
0940	X		MW	ST14-W06	5	5																			
1157	X		MW	ST14-W11	5	5																			
0850	X		MW	ST14-02	5	5																			
1125	X		MW	ST14-W05	5	5																			
0840	X		MW	ST14-W07	5	5																			
1110	X		MW	ST14-W13	5	5																			
1700	X		MW	TB-071395	2	2																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-13-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex 4777325313
Lenc-D

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
NON-AQUEOUS - NA

282079

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

CHAIN OF CUSTODY RECORD

11360

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

PROJECT NAME: [illegible] Sampling
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: [illegible]

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-7	3		2					1								
1045	X		MW	FTOM-12A	3		2					1								
1120	X		MW	P6A	3		2					1								
1530	X		MW	ST14 03	3		2					1								

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7 13 91 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS FEDEX 4777325291
LENL-F

***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

282080

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

CHAIN OF CUSTODY RECORD

01361

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

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7/13/95

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.
1410	X		MW	LF05-SC	3		2					1													
1525	X		MW	LF05-SD	3		2					1													
1110	X		MW	ST14-W13	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7/13/95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex 477732 5302
LENL-E

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]TE - HW
SURFACE WA[illegible] - SW
NON-AQUEOUS - NA

282081

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

CHAIN OF CUSTODY RECORD

1362

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: [illegible] TX

PROJECT NAME: OPRLY sampling
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7-13-95

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)	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	ST14-02	3		2					1												
1125	X		MW	~~ST14-0~~ ST14-W05	3		2					1												
0940	X		MW	ST14-W06	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7-13-95 1700	(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 # 4777 325 324
Level C

*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

282082

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

CHAIN OF CUSTODY RECORD

1363

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

PROJECT NAME: [illegible]
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7-15-99

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.
1420	X		MW	[illegible] 1019	3		2					1													
1420	X		MW	5114-W19 MS	3		2					1													
1420	X		MW	5114-W19 MSD	3		2					1													
1025	X		MW	5114-01	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7-15-99 200	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex # 4777 325 335
LENL-B

*SOURCE CODES

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

282083

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

CHAIN OF CUSTODY RECORD

01364

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: [illegible]

PROJECT NAME: RIRVI Sampling
JOB NO.:
SAMPLERS (SIGNATURE): B. O'Craig
SAMPLING DATE: 7-13-95

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.
0840	X		MW	ST14-W07	3		2					1													
1157	X		MW	ST14-W11	3		2					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
B. O'Craig (SIGNATURE)	7-13-95 1700	(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 # 477325346
LENL-A

*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

282084

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

CHAIN OF CUSTODY RECORD

01365

SAMPLING INFORMATION
NPDES NUMBER
NAME OF FACILITY: Cassell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QIRIX Sampling
JOB NO.: 11 3517 3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-14-95

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.
1340	X		MW	LF01-1D		5														
1042	X		MW	LF01-1E		5														
1445	X		MW	ST14-W22		5														
0935	X		MW	LF01-1C		5														
1042	X		MW	FDUP-5		5														
0925	X		MW	SD13-03MSD		5														
0925	X		MW	SD13-03MS		5														
0925	X		MW	SD13-03		5														
0845	X		MW	SD13-01		5														
1153	X		MW	ST14-W08		5														
1100	X		MW	SD13-02		5														

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-14-95 / 700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS: Fed Ex 641391013 6
LENL-E

*SOURCE CODES

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

282085

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CHAIN OF CUSTODY RECORD

1366

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Cabot Ab
STREET ADDRESS: [illegible] TX

PROJECT NAME: Quick sampling
JOB NO.: 115517 3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-14-95

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.
0935	X		MW	LT01-1C	3		2					1													
1042	X		MW	1 DUP-5	3		2					1													
1340	X		MW	LT01-1D	3		2					1													
1445	X		MW	ST14-W22	2		1					1													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-14-95 1700	(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 # 6413910160
LENL C

*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

282086

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PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

01367

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

PROJECT NAME: QTRLY Sampling
JOB NO.: [illegible] 3201
SAMPLERS (SIGNATURE): Bullock
SAMPLING DATE: 7-14-95

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.
1042	X		MW	LF01-1C	3		2					1													
1145	X		MW	ST14-1122	1		1																		
0925	X		MW	SD13 03	3		2					1													
0925	X		MW	SD13 03 MSD	3		2					1													
0925	X		MW	SD13-03ms	1		1																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bullock (SIGNATURE)	7-14-95 1100	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: ICE Ex # 641 3710171
LENL-B

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
[illegible] AQUEOUS - NA

362087

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CHAIN OF CUSTODY RECORD

1369

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carson AFB
STREET ADDRESS: [illegible] TX

PROJECT NAME: QTRLY Sampling
JOB NO.: 11-3317-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-14-95

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)	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.
0925	X		MW	SD13-03ms	2		1					1												
1100	X		MW	SD13-02	3		2					1												
1153	X		MW	ST14-[illegible]	3		2					1												
0845	X		MW	SD13-01	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7 14 95 / 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY.
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REMARKS: Fed Ex # 6413910182
LENL-A

*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

282088

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PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

1370

SAMPLING INFORMATION
NPDES NUMBER

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

PROJECT NAME: QTRLY Sampling
JOB NO.: 11 3517-5201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-14-95

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-2 *		5																			
1430	X		MW	BSSB *		5																			
1550	X		MW	BSSA		5																			
1700	X		MW	TB-071495	2	2																			
1140	X		MW	T4A		5																			
0935	X		MW	FT08-11A		5																			
0840	X		MW	FT08-11B		5																			
1500	X		MW	T3		5																			
1630	X		MW	GM122-05m		5																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-14-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: FEDEX #6413910156
LENL-E
Strong Fuel odor

*SOURCE CODES

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

382089

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CHAIN OF CUSTODY RECORD

01371

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Caswell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY sampling
JOB NO.: 113517-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-14-95

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	BSSA	3		2					1												
1430	X		MW	BSSB *	3		2					1												
0730	X		MW	FDUP-2 *	3		2					1												
0930	X		MW	FTOX-11A	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-14-95 1700	(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 #
LCNL-D
* Strong Fuel Odor

*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

282090

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CHAIN OF CUSTODY RECORD

1372

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

PROJECT NAME: GIRLY Sampling
JOB NO.: 11 3517 3201
SAMPLERS (SIGNATURE): Bill Clay
SAMPLING DATE: 7-14-95

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	T3	3		2					1								
1630	X		MW	Grizz-osm	3		2					1								
1140	X		MW	T4A	3		2					1								
0840	X		MW	FT08-11B	3		2					1								

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Clay (SIGNATURE)	7-14-95 1700	(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 6413910204
LENL-F

*SOURCE CODES

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

282091

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

CHAIN OF CUSTODY RECORD

01373

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY Sampling
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-15-95 / 7-16-95

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.
1640	X		MW	LSA1628-1 (7-16-95)	8	5	2					1													
1550	X		MW	SD13-07 (7-15-95)	8	5	2																		
1735	X		MW	LSA1628-2 (7-16-95)	8	5	2																		
1200	X		DI	TB-071795A (7-17-95)	2	2																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex # - 6413910215
LENL A

* NOTE: SAMPLER HIGHLY CONTAMINATED *

*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

282092

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CHAIN OF CUSTODY RECORD

Cooler "B"

01374

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell
STREET ADDRESS:

PROJECT NAME: CARSWELL AFB
JOB NO.: 11-5517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 7-16-95

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.
0750	X		W	FD-8	3		3													
1015	X		W	0715C	3		3													
1015	X		W	0715C MS	3		3													
1015	X		W	0715C MSD	3		3													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE) [signature]	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed-Ex #: 6413910226

*SOURCE CODES

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

282093

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PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

01375

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY Sampling
JOB NO.: 11 3512-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-15-95 + 7-16 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.
1015	X		MW	OT15C (7-16)	5	5																			
1015	X		MW	OT15C MS (7-16)	5	5																			
1015	X		MW	OT15C MSD (7-16)	5	5																			
0730	X		MW	FDUP-8 (7-16)	5	5																			
1040	X		MW	GMI22-08M (7-15)	5	5																			
1040	X		MW	GMI22 08M MS (7-15)	5	5																			
1040	X		MW	GMI22 08M MSD (7-15)	5	5																			
1455	X		MW	MW-12 (7-15)	5	5																			
1420	X		MW	T7 (7-15)	5	5																			
1015	X		MW	MW-7 (7-15)	5	5																			
1618	X		MW	GMT22-06M (7-15)	5	5																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: LENL-C
Fed Ex - 6413910220

*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

282094

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

CHAIN OF CUSTODY RECORD

01376

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY SAMPLING
JOB NO.: [illegible]
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7-15-95 / 7-16-95

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.
0940	X		MW	GMT22-07m (7-15)	5	5																			
1525	X		MW	P3A (7-15)	5	5																			
1640	X		MW	GMT22-04m (7-15)	5	5																			
1110	X		MW	LF04-4E MSD (7-16)	5	5																			
1110	X		MW	LF04-4E MS (7-16)	5	5																			
1110	X		MW	LF04-4E (7-16)	5	5																			
0930	X		MW	LF04-4F (7-16)	5	5																			
0730	X		MW	FDUP-1 (7-16)	5	5																			
1500	X		MW	GM122-03m (7-16)	5	5																			
1335	X		MW	GM104-01m (7-16)	5	5																			
1150	X		MW	LF04 4D (7-16)	5	5																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Cooler C
FedEx 6413910263

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WAT[illegible] - SW
NON-AQUEOUS - NA

282095

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

CHAIN OF CUSTODY RECORD

01377

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

PROJECT NAME: Cannon AFB
JOB NO.: [illegible] 3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7-15-95 ~~7-17-95~~ 7-16-95

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	MW-7	1						1									
1420	X		W	T-7	1						1									
1640	X		W	GMI 22-01m	1						1									
1535	X		W	P3A	1						1									
1618	X		W	GMI 22-01m	1						1									
1015	X		W	OT15C	1						1									
1015	X		W	OT15CMS	1						1									
1015	X		W	OT15CMSD	1						1									
0730	X		W	FDUP-8	1						1									
1040	X		W	GMI 22-08m	1						1									
1040	X		W	GMI 22-08m MSD	1						1									

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
(SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed ex # : 6413910241

*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

960283

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

CHAIN OF CUSTODY RECORD

Cooler C 1378

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: CAFB
STREET ADDRESS:

PROJECT NAME: Caswell AFB
JOB NO.: 11-3372 3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 7-15-95 ~~7-16-95~~

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.
1420	X		W	T 7	2		2													
1640	X		W	GMI 22-04m	2		2													
1618	X		W	GMI 22-06m	2		2													
1015	X		W	MW-7	2		2													
1525	X		W	P3A	2		2													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
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REMARKS: Fed-Ex # 6413910252

*SOURCE CODES

RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
[illegible]N-AQUEOUS - NA

282097

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

CHAIN OF CUSTODY RECORD

1379

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY Sampling
JOB NO.: 11-3517-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-17-95

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.
1735	X		MW	LSA1628-3 (7-16)	5	5																		
1440	X		MW	LF04-4A (7-16)	5	5																		
1555	X		MW	LF04-4B (7-16)	5	5																		
1045	X		MW	GMI22-01M (7-16)	5	5																		
0950	X		MW	GMI22-02M (7-16)	5	5																		
1300	X		MW	SD13-05 (7-16)	5	5																		
0730	X		MW	~~Ø~~ BC FDUP-4 (7-16)	5	5																		
1015	X		MW	MW-10 (7-15)	5	5																		
1015	X		MW	MW-10 (7-15)	5	5																		
1015	X		MW	MW-10 (7-15)	5	5																		
1700	X		MW	SD13-06 (7-15)	5	5																		

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS Fed Ex #6413910263
LENL-C

***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

282098

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

CHAIN OF CUSTODY RECORD

1380

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Carswell AFB
STREET ADDRESS: Ft Worth TX

PROJECT NAME: QTRLY Sampling
JOB NO.: 11 35.7 3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7 17 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)	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		MW	MW-11 (7-15)	5	5																			
1205	X		MW	MW 8 (7-15)	4	4																			
1200	X		MW	TB-071795B (7-17)	2	2																			

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex # 6413910230
LENL-C

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
[illegible]N AQUEOUS - NA

282099

Cooler F

1381

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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): [signature]
SAMPLING DATE: 7-15-95

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)	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.
1040	X		W	GMI 22-08m MSD	2		2																	
0910	X		W	MW-5	2		2																	
0940	X		W	GMI 22-07m	2		2																	
1040	X		W	GMI 22-08m	2		2																	
1040	X		W	GMI 22-08m MS	2		2																	

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[signature] (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed EX# 6413910274

*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

282100

LAW ENVIRONMENTAL, INC.
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PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

Cover "G" 1382

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

PROJECT NAME	JOB NO.
CAMSWELL AFB	11-3517-3201
SAMPLERS (SIGNATURE)	
SAMPLING DATE 7-15-95	

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		W	MW-5	1						1									
1455	X		W	MW-12	1						1									
1125	X		W	MW-9	1						1									
0940	X		W	GMZ 22-07m	1						1									
1040	X		W	GMZ 22 08m-MS	1						1									
1455	X		W	MW-12	2		2													
1125	X		W	MW-9	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 6413910285

***SOURCE CODES**

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

282101

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

CHAIN OF CUSTODY RECORD

11383

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

PROJECT NAME: QTRLY Sampling
JOB NO.: 11 3512-3201
SAMPLERS (SIGNATURE): B W Craig
SAMPLING DATE: 7-17-95

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.
0930	X		MW	LF04 4F	3		2					1												
1150	X		MW	LF04-4D	3		2					1												
1735	X		MW	LSA 1628-3	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
B W Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: LENL-H
Fed Ex # 641 391 0263

*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

782102

Cooler "F"

1384

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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.: 3517-3201
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 7-16-95

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.
1110	X		W	LF04-4E MSD	2		2													
0730	X		W	FDUP-1	2		2													
1110	X		W	LF04-4E MS	2		2													
1500	X		W	GMI22-03m	2		2													
1110	X		W	LF04-4E	2		2													
1335	X		W	GMI04-01m	2		2													

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
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REMARKS Fed Ex # 6413910322

***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

282103

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

CHAIN OF CUSTODY RECORD

01385

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Cansco AFB
STREET ADDRESS: 17 Wo[illegible]

PROJECT NAME: QTRLY Sampling
JOB NO.: 11 3517-3201
SAMPLERS (SIGNATURE): Bill Gray
SAMPLING DATE: 7-17-95

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.
1300	X		MW	SD13-05																				
0730	X		MW	FDVP-4																				
0950	X		MW	GMI22-02M																				
1045	X		MW	GMI22-01M																				

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Gray (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: Fed Ex 6413910296
LENL-J

*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

282104

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

CHAIN OF CUSTODY RECORD

01386

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: [illegible] Fl Worth TX

PROJECT NAME: Qtrly Sampling
JOB NO.: [illegible] 3201
SAMPLERS (SIGNATURE): [illegible]
SAMPLING DATE: 7-16-95

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.
1700	X		MW	SD13-06	3		2					1												
0730	X		MW	FDUP1	1							1												
1500	X		MW	GMT22-03M	1							1												
1115	X		MW	LF04-4CMSD	1							1												
1335	X		MW	OMT04-01M	1							1												
1110	X		MW	LF04-4C	1							1												
1110	X		MW	LF04-4CMS	1							1												
1555	X		MW	LF04-4B	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
[illegible] (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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REMARKS: LENL-K
Fed Ex - ~~6537408275~~ BC
6413910300

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
NON-AQUEOUS - NA

X82105

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

CHAIN OF CUSTODY RECORD

1387

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: [illegible]
STREET ADDRESS: [illegible]

PROJECT NAME: QIRLY Sampling
JOB NO.: [illegible]-3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-15-95

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.
1440	X		MW	LFOW-4A																
1205	X		MW	MW-8																
1150	X		MW	MW-11																

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7/17/95 1200	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: LENL-L
FedEx - 6413910344

*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

282106

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

CHAIN OF CUSTODY RECORD

1388

SAMPLING INFORMATION
NPDES NUMBER

NAME OF FACILITY: Cirsus Air
STREET ADDRESS: Ft Worth TX

PROJECT NAME: Qtrly Sampling
JOB NO.: 13517 3201
SAMPLERS (SIGNATURE): Bill Craig
SAMPLING DATE: 7-15-95

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.
1015	X		MW	MW-10MSD	3		2					1												
1015	X		MW	MW 10MS	3		2					1												
1015	X		MW	MW 10	3		2					1												

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	RECEIVED BY LABORATORY:	DATE / TIME
Bill Craig (SIGNATURE)	7-17-95 1700	(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	

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

REMARKS: For Ex# 6413910333
LENL-M

*SOURCE CODES
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL / SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS [illegible]E - HW
SURFACE WA[illegible] - SW
NON-AQUEOUS - NA

282107

282108

TAB

APPENDIX E

APPENDIX E

GROUND-WATER SAMPLING REPORTS

APPENDIX E-1

FIRST QUARTER GROUND-WATER SAMPLING REPORTS

282111

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-9-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

STH-W05

DEPTH TO WATER (feet): 7.88

TOTAL DEPTH (feet): 16.25

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 = 25.1 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1535	0.0	7.34	90.5	820			
1600	8.5	7.01	81.6	710			
1615	16.5	6.94	82.2	700			
1625	25.1	6.84	80.0	690			

SAMPLING Equipment Used: _____

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

WEATHER: hazy AIR TEMP (°F): 82

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282112

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-19-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

~~SD14-W06~~ 3c

ST14-W06

DEPTH TO WATER (feet): 8.38

TOTAL DEPTH (feet): 21.55

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 = 39.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1545	0.0	7.31	68.8	650			
1600	13.2	7.31	68.8	620			
1615	26.4	7.31	68.7	620			
1630	39.5	7.31	68.8	620			

SAMPLING Equipment Used: _____

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

WEATHER: hazy AIR TEMP (°F): 82

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282113

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-9-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W07

DEPTH TO WATER (feet): 10.33

TOTAL DEPTH (feet): 24.65

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 = 43 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1550	0.0	7.03	73.1	583			
1628	15	7.38	72.7	569			
1645	30	7.35	72.7	577			
1703	45	7.37	72.5	589			

SAMPLING Equipment Used: _____

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

WEATHER: hazy AIR TEMP (°F): 82

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282114

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/9/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-09

DEPTH TO WATER (feet): 7.15

No product

TOTAL DEPTH (feet): 21.00

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 = 41 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1550	0.0	8.75	67.5	670			very turbid
1604	14	7.50	79.8	758			
1618	28.5	7.27	76.7	720			
1635	41	7.23	76.9	724			

SAMPLING Equipment Used: _____

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

WEATHER: ~~ST14-W09 MS, ST14-~~ hazy AIR TEMP (°F): 82

SAMPLE ID FOR QC SAMPLE(s): ST14-W09MS, ST14-W09MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282115

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/9/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W13

DEPTH TO WATER (feet): 7.31

TOTAL DEPTH (feet): 17.10

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 = 30 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: Field pH/Temp/SC meter not exposed to well water; appeared contaminated. pH measured w/ pH paper.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1655	0.0	7.00	75.5	7.68			moderate turbidity
1720	10	7.0					Hydrocarbon odor + sheen
1730	20	7.0					
1740	30	7.0					

SAMPLING Equipment Used: pvc bailer

	TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
4/10	8:40					7.31	ST14-W13	

WEATHER: thunderstorms, hazy AIR TEMP (°F): 82

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282116

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-7-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-8

DEPTH TO WATER (feet): 5.56

TOTAL DEPTH (feet): 26.75

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: PVC bailer

NOTES: Field pH/Temp/SC meter not exposed to well water; appeared contaminated. pH measured w/ pH paper

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1137	0.0	6.95	72.3	230			sheen
1425	53	7					
1329	106	7					

SAMPLING Equipment Used: _____

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

WEATHER: overcast humid AIR TEMP (°F): 80-87

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282117

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/7/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-9

DEPTH TO WATER (feet): 6.50

TOTAL DEPTH (feet): 27.80

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 = 160 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0944	0.0	6.57	69.2	1022			
1053	22	7.34	71.4	1023			
1151	51	7.48	72.3	1021			
1447	110	7.47	69.2	1022			
1630	160	7.40	68.7	1022			

SAMPLING Equipment Used: _____

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

WEATHER: overcast humid AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282118

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-7-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-11

DEPTH TO WATER (feet): 25.09

TOTAL DEPTH (feet): 32.35

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: PVC Bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
940	0.0	6.7	67.2	280			strong fumes (gas)
							floating product after 2.5g

SAMPLING Equipment Used: _____

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

WEATHER: overcast AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282119

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-7-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-12

DEPTH TO WATER (feet): 5.51

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 = 163.8 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
948	0.0	6.55	65	644			
1110	55	5.8	74.9	842			
1409	110	5.4	79.8	857			
1530	165	5.8	78.9	857			

SAMPLING Equipment Used: _____

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

WEATHER: overcast, humid AIR TEMP (°F): 80-87

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282120

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-6-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM104-01M

DEPTH TO WATER (feet): 19.19

TOTAL DEPTH (feet): 34.70

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 = 46.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1508	0.0	7.6	89.7	820			
1539	15.5	7.44	86.1	750			
	31.0	7.45	75.4	670			
1649	46.5	7.47	67.8	650			
1717	57	7.42	67.9	665			

SAMPLING Equipment Used: _____

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

WEATHER: overcast, misty/hazy sunshine AIR TEMP (°F): 68

SAMPLE ID FOR QC SAMPLE(s): FDUP-1 (4/17/95 800)

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282121

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-6-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF04-4D

DEPTH TO WATER (feet): 19.81

TOTAL DEPTH (feet): 27.64

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 = 23.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1018	0.5	6.98	67.5	900			
1033	4.0	7.52	64.5	690			
1057	7.83	6.89	66.6	620			
1135	16.5	6.80	67.6	620			
1206	23.5	6.80	69.7	680			

SAMPLING Equipment Used: _____

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

WEATHER: overcast, hazy sunshine AIR TEMP (°F): 68

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282122

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-6-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF04-4E

DEPTH TO WATER (feet): 23.14

TOTAL DEPTH (feet): 30.75

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 = 22.8 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1025	7.6	8.1	67.9	1000			
1041	15.2	7.1	64.7	1000			
1059	22.8	7.0	64.1	1000			
1113	30.4	7.0	64.3	1000			

SAMPLING Equipment Used: _____

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

WEATHER: overcast, hazy sunshine AIR TEMP (°F): 68

SAMPLE ID FOR QC SAMPLE(s): LF04-4E MS, LF04-4E MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282123

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-6-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF04-4F

DEPTH TO WATER (feet): 28.70

TOTAL DEPTH (feet): 37.21

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = ___gallons to purged

PURGING Equipment Used: pvc bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1007	0.0	7.94	66.9	599			
1035	8.5	7.84	68.5	601			
1139	17	7.51	66.5	613			
1212	25.5	7.13	66.1	629			
1215	26	7.01	66.7	648			
1229	28	6.71	69.7	600			
1238	30	6.67					
1255	35	6.70	71.7	637			
1309	40	7.04	75.8	636			
1315	42	6.70	73.5	643			
1345	47	6.87	75.8	644			
1351	50	6.87	75.1	644			

SAMPLING Equipment Used: _____

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

WEATHER: overcast, hazy sunshine AIR TEMP (°F): 68

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282124

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-6-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

wP07-10B

DEPTH TO WATER (feet): 27.26

TOTAL DEPTH (feet): 34.45

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 = 22 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1213	~~0.0~~ 7.2	7.2	73.8	~~830~~ 1000			
1419	14	7.19	74.5	830			
1430	16.5	7.18	74.5	790			
1438	19	6.98	74.5	790			
1454	21.5	7.03	72.8	820			
1500	24	7.03	71.4	770			
1508	26.3	7.06	71.1	780			

SAMPLING Equipment Used: _____

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

WEATHER: lazy sunshine AIR TEMP (°F): 68

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282125

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-WQ3

DEPTH TO WATER (feet): 4.87

TOTAL DEPTH (feet): 9.90

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: PVC bailer

NOTES: The field pH/Temp/sc meter was not exposed to the well water as it appeared contaminated. pH measured with pH paper.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
917	0.23	8.0					
938	5	8.0					
950	10	8.5					
1000	15	8.0					

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						ST14-W23	

WEATHER: Thunderstorms AIR TEMP (°F): 80's

SAMPLE ID FOR QC SAMPLE(s): -

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282126

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-05

DEPTH TO WATER (feet): 8.84

TOTAL DEPTH (feet): 13.55

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1057	0.0	7.95	71.0	765			
1101	4.7	7.82	70.1	758			
1107	9.5	7.36	70.1	783			
1113	14.2	7.29	70.4	779			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1130				73	8.97	SD13-05	

WEATHER: thunderstorms AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): SD13-05MS, SD13-05MSD, FDUP-4

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282127

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/10/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W02

DEPTH TO WATER (feet): 11.34

TOTAL DEPTH (feet): 19.40

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 = 24.2 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: The field pH/Temp/SC meter was not exposed to the well water as it appeared contaminated. pH measured with pH paper.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
	0.0						Dark grey color w/ slight
0820	8.1	8					gas odor
0836	16.2	8					
0848	24.2	8					

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
900				>200	11.51	ST14-W02	

WEATHER: thunderstorms AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282128

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-C

DEPTH TO WATER (feet): 12.02

TOTAL DEPTH (feet): 17.05

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 = 24 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: The field pH/Temp/sc meter was not exposed to the well water as it appeared contaminated. pH paper was used for the ~~the~~ pH measurement.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0835	~~6.0~~	7					
0855	6.0	7					
0908	12.0	7					
0919	18.1	7					
0930	24.0	7					

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~92~~ 37					12.10	ST14-04	

WEATHER: Thunderstorms AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282129

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W08

DEPTH TO WATER (feet): 9.68

TOTAL DEPTH (feet): 25.05

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 = 31 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
	0.0	~~6.9~~ °C	~~75.2~~ °C	~~6~~ M			
1055	0.23	6.96	75.2	630			
1125	15.5	6.99	75	660			
1153	31	7.05	75.3	650			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1515					9.61	ST14-W08	

WEATHER: thunderstorms AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282130

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST M-W11

DEPTH TO WATER (feet): 6.29

TOTAL DEPTH (feet): 19.71

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 = 50 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1040	1	8					
1052	13.5	8					
1115	27	6.77	68.8	540			
	30.5	7.14	70.6	517			
	43	7.21	70.2	523			
	50	7.26	70.5	527			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1440				49	5.90	ST14-W11	

WEATHER: thunderstorms AIR TEMP (°F): 90,

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282131

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/10/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W15

DEPTH TO WATER (feet): 9.97

TOTAL DEPTH (feet): 19.70

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 = 29.2 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: The field pH/Temp/SC meter was not exposed to the well water as it appeared contaminated. pH paper was used for pH measurement.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0925	0.0	7					Dark brown color with
	4.5						slight petroleum odor
							Dry at 4.5 gallons

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1000						ST14-W15	

WEATHER: Thunderstorms AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282132

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-10-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W21

DEPTH TO WATER (feet): 9.67

TOTAL DEPTH (feet): 17.75

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~9:30~~ 11:45						ST14-W21	

WEATHER: Thunderstorm AIR TEMP (°F): 80s

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282133

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF01-1C

DEPTH TO WATER (feet): 16.01

TOTAL DEPTH (feet): 32.45

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
430	1	7.19	77.6	1130			
450	16.4	7.16	75.0	1120			
515	22.8	7.01	77.4	1160			
530	39.2	7.00	77.0	1170			
545	50	6.99	77.2	1180			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
4/13 935					15.32	LF01-1C	

WEATHER: clear AIR TEMP (°F): 50 to 60

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282134

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-01M

DEPTH TO WATER (feet): 18.13'

TOTAL DEPTH (feet): 27.80

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
950	1	6.23	65.7	905			
1000	9.8	6.49	66.1	912			
1010	19.6	6.69	68.3	982			
1020	29.4	6.83	70.4	1030			

SAMPLING Equipment Used: _____

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

WEATHER: clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282135

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-08M

DEPTH TO WATER (feet): 15.53

TOTAL DEPTH (feet): 25.20

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 = 25 gallons to purged

PURGING Equipment Used: PVC bailer.

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1118	0.0	7.48	64.0	871			
1125	9.5	7.18	62.6	451			
1140	20	7.23	62.2	431			
1152	30	7.27	62.4	428			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1700				83	15.45	GM122-08M	

WEATHER: Clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): GM122-08M MS, GM122-08M MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282136

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

P 3A

DEPTH TO WATER (feet): 10.70

TOTAL DEPTH (feet): 19.85

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 = 27 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1219	1	7.81	62.9	498			
1230	9	7.00	59.6	544			
1245	18	6.89	63.0	636			
1250	27	6.82	62.9	665			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1726				63	10.51	P3A	

WEATHER: Clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282137

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

~~PA 6~~ PG-A

DEPTH TO WATER (feet): 9.62

TOTAL DEPTH (feet): 15.05

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1115	1	7.02	69.2	623			
1120	5.4	7.57	69.0	636			
1135	9	7.45	69.2	642			Dry

SAMPLING Equipment Used: _____

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

WEATHER: clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282138

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 4.8

SAMPLE LOCATION ID

ST14-W16

DEPTH TO WATER (feet): 7.42

TOTAL DEPTH (feet): 18.50

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot)+(___ft of annular waterX___gallons/foot)] X 3 = 33 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0	~~8.0~~					
855	0.23	~~7.9~~ 8.0	60.5				
938	11	7.8	44.9				
954	22	7.6	45.6				
1010	33	7.5	45.4				

SAMPLING Equipment Used:

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1530				9	7.40	ST14-W16	

WEATHER: clear AIR TEMP (°F): 40-50

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

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282139

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-19W

DEPTH TO WATER (feet): 8.98

TOTAL DEPTH (feet): 16.55

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
905	1	6.25	58.6	537			
915	7.6	6.36	57.2	555			
922	15.2	6.63	57.6	552			
930	22.8	6.72	58.2	551			

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500					48	ST14-19W	

WEATHER: clear AIR TEMP (°F): 40-50

SAMPLE ID FOR QC SAMPLE(s): ST14-19W MS, ST14-19W MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282140

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

~~ST A14-20W~~

ST14-W20

DEPTH TO WATER (feet): 8.51

TOTAL DEPTH (feet): 15.90

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1110	1	6.67	62.5	621			
1120	7.3	6.66	64.5	684			
1135	14.6	6.74	65.0	643			
1145	22.2	6.79	65.6	662			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1455				23	8.55	ST14-W20	

WEATHER: clear AIR TEMP (°F): 50

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

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282141

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

T3

DEPTH TO WATER (feet): 3.06

TOTAL DEPTH (feet): 8.45

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 = 15.2 gallons to purged

PURGING Equipment Used: pvc bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1017	0.0	7.78	62.0	552			
1031	5	7.92	65.4	496			
1039	10	8.07	65.4	475			
1047	15	8.08	65.4	476			
1056	20	8.06	65.5	464			

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1632				28	3.38	T3	

WEATHER: clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282142

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

~~IA4~~ T4-A

DEPTH TO WATER (feet): 17.73

TOTAL DEPTH (feet): ~~20.13~~ 20.95

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1030	1	7.00	72.5	648			
1035	3.2	7.01	71.1	617			
1040	6.4	7.00	71.3	622			
1050	10.0	6.99	71.7	637			

SAMPLING Equipment Used: _____

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

WEATHER: clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282143

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-07M

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: Pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1700				15	1500	GM122-07M	

WEATHER: _____ AIR TEMP (°F): _____

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

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LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-11-98 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

T-7

DEPTH TO WATER (feet): 17.57

TOTAL DEPTH (feet): 22.65

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 = 15.2 gallons to purged

PURGING Equipment Used: pvc bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1017	0.0	7.78	62.0	552			water is very muddy
1031	5	7.92	65.4	496			
1039	10	8.07	65.4	475			
1047	15	8.08	65.4	476			
1056	20	8.06	65.5	464			

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1753				48	17.42	T-7	

WEATHER: clear AIR TEMP (°F): 50

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282145

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF05-5 ~~R~~ D

DEPTH TO WATER (feet): 10.62

TOTAL DEPTH (feet): 20.30

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 = 27.3 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
945	0.0	5.36	65.1	898			
1008	10	6.22	65.0	845			
1028	20	6.26	65.2	843			
1036	30	6.35	67.8	852			

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~1555~~ 1640					10.44	LF05-5D	

WEATHER: Clear, calm AIR TEMP (°F): 62-75°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282146

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LF05-5C

DEPTH TO WATER (feet): 10.62

TOTAL DEPTH (feet): 20.30

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 = 27 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
941	0.0	7.09	64.3	616			
955	9	6.32	62.4	727			
1010	20	6.55	62.9	725			
1025	28	6.54	63.0	723			

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1555						LF05-5C	

WEATHER: Clear, calm AIR TEMP (°F): 62-75°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282147

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/12/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

FT08-11A

DEPTH TO WATER (feet): 11.42

TOTAL DEPTH (feet): 17.45

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 = 18.1 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0838	0.0	7.40	62.3	420			
0844	6	7.40	61.4	550			
0851	12	7.40	61.2	630			
0916	18.1	7.41	61.2	610			

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1630					11.12	FT08-11A	

WEATHER: Clear, calm AIR TEMP (°F): 62-75°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282148

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/12/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

FT08-11B

DEPTH TO WATER (feet): 8.92

TOTAL DEPTH (feet): 16.98

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 = 24.2 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0927	0.0						
0932		7.03	60.4	860			
0942		7.03	60.4	860			
0954		7.03	60.5	900			
1006		7.04	60.5	900			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1608					8.66	FT08-11B	

WEATHER: Clear, calm AIR TEMP (°F): 62-75

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282149

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

FT09-12A

DEPTH TO WATER (feet): 16.29

TOTAL DEPTH (feet): 27.80

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 = 34.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1127	0.0	7.40	73.9	592			
1147	12	7.33	70.8	577			
1204	23	7.36	69.6	571			
1203	35	7.38	69.3	571			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1440					15.5	FT09-12A	

WEATHER: Clear, calm AIR TEMP (°F): 62-25°

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

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282150

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

FT09-12B

DEPTH TO WATER (feet): 30.14

TOTAL DEPTH (feet): 37.60

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 = 22 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1115	0.0		~~70~~				
1129		7.3	70	681			
1142		7.3	~~71.2~~ 70	681			
1155		7.31	71.2	685			
1209		7.31	71.2	685			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500						FT09-12B	

WEATHER: Clear calm ~~FT09-12B MS, FT09-12B MSD~~ AIR TEMP (°F): 62-75°

SAMPLE ID FOR QC SAMPLE(s): FT09-12B MS, FT09-12B MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282151

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/12/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

FT09-12C

DEPTH TO WATER (feet): 31.07

TOTAL DEPTH (feet): 39.90

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 = 265 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1028	0.0	6.73	67.9	870			
1044		6.74	67.9	880			
1100		6.74	68.0	920			
1100		6.74	68.0	920			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1515					30.90	FT09-12C	

WEATHER: Clear, calm AIR TEMP (°F): 62-75°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282152

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.5

SAMPLE LOCATION ID

GM122-02M

DEPTH TO WATER (feet): 8.41

TOTAL DEPTH (feet): 28.40

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot) + (___ft of annular water X___gallons/foot)] X 3 = 60 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
920	6.23	6.2	59.2	402			
950	20.	6.67	57.9	430			
1021	40	6.68	60.1	500			
1048	60	6.8	63.5	530			

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1620						GM122-02M	

WEATHER: Clear, calm AIR TEMP (°F): 62-75

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282153

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.4

SAMPLE LOCATION ID

LF01-1E

DEPTH TO WATER (feet): 15.39

TOTAL DEPTH (feet): 32.03

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 = 49.9 gallons to purged

PURGING Equipment Used: pvc bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1645	0.25	6.8	88	730			
1712	16.5	6.8	81	770			
1738	33	6.63	84	760			
1805	50	6.7	83	740			

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
4/13 945					14.81	LF01-1E	

WEATHER: clear, calm AIR TEMP (°F): 62-75

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282154

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 2.5

SAMPLE LOCATION ID

WP07-10C

DEPTH TO WATER (feet): 20.07

TOTAL DEPTH (feet): 28.90

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 = 26.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1205	0.25	7.33	76.3	1095			
1215	8.5	7.73	74.5	840			
1228	17.0	7.52	75.3	850			
	26.5	7.6	76.5	850			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1715					19.92	WP07-10C	

WEATHER: Clear, calm AIR TEMP (°F): 62-75

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282155

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-03M

DEPTH TO WATER (feet): 20.28

TOTAL DEPTH (feet): 35.05

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 = 44.3 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1029	0.0	7.25	71.2	1250			well dry at a 1 gallon
1058	14.8	7.25	71.0	1200			very grey color
1118	29.6	7.25	71.2	1200			
1136	44.3	7.25	72.3	1200			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1215					20.22	GM122-03M	

WEATHER: clear, sunny AIR TEMP (°F): 75-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282156

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID: GM122-04M

DEPTH TO WATER (feet): 19.37

TOTAL DEPTH (feet): 25.50

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 = 18 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1149	0.0	7.25	71.5	1280			
1158	6.1	7.25	71.5	1240			
1206	12.2	7.25	71.5	1280			
1214	18.3	7.25	71.5	1240			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1240					19.43	GM122-04M	

WEATHER: clear, sunny AIR TEMP (°F): 75-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282157

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-05m

DEPTH TO WATER (feet): 10.50

TOTAL DEPTH (feet): 13.65

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 = 9.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1230	0.0	7.25	66.8	1340			
1235	3.2	7.25	66.5	1290			
1243	6.4	7.24	66.5	1260			
1247	9.5	7.27	66.4	1190			

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1418					9.74	GM122-05M	

WEATHER: Clear, sunny AIR TEMP (°F): 75-80

SAMPLE ID FOR QC SAMPLE(s): –

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282158

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

GM122-06M

DEPTH TO WATER (feet): 18.05

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 = 25.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0930	0.0	7.25	70	1450			
0950	8.5	7.25	70.7	1400			
1000	17	7.25	71.5	1450			
1009	25.5	7.25	70.0	1450			

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1155					18.11	GM122-06M	

WEATHER: Clear, sunny AIR TEMP (°F): 75-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282159

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ND

SAMPLE LOCATION ID

L F01-1D

DEPTH TO WATER (feet): 17.02

TOTAL DEPTH (feet): 27.90

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 = 32.6 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
845	0.23	7.15	61.3	880			
910	11	7.06	67	930			
930	22	7.07	69.2	930			
949	33	7.0	67.4				

SAMPLING Equipment Used: _____

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

WEATHER: clear, sunny AIR TEMP (°F): 75-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282160

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ND

SAMPLE LOCATION ID

LF05-5G

DEPTH TO WATER (feet): 20.80

TOTAL DEPTH (feet): 30.20

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 = 28.2 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1629	1.0	7.37	77	900			
1640	9.5	6.92	74.7	870			
1654	19	7.09	74.7	850			
1705	28.2	7.05	72.3	860			

SAMPLING Equipment Used: _____

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

WEATHER: clear, sunny AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ND

SAMPLE LOCATION ID

ST14-03

DEPTH TO WATER (feet):_____

TOTAL DEPTH (feet):_____

INSIDE DIAMETER of WELL (inches):_____

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot)+(___ft of annular waterX___gallons/foot)] X 3 = 30 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						
1418	3	7.47	78.5	620			
1425	10	7.3	83.0	590			
1436	20	7.01	70.8	555			
1445	30	7.13	72.1	549			

SAMPLING Equipment Used:_____

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

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

First Quarter

282162

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-7

DEPTH TO WATER (feet): 7.99

TOTAL DEPTH (feet): 16.50

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 = 63.8 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1035	0.25	7.2	74.5	910			
1057	21	7.32	76.7	930			
1120	43	7.37	73.7	940			
1142	64	7.43	78	980			

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

282163

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-8-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

BSSA

DEPTH TO WATER (feet): 4.97

TOTAL DEPTH (feet): 10.35

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 = 16.2 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
938	0.0	7.46	68.9	753			
944	5.3	7.11	68.8	731			
950	10.4	7.16	67.9	747			
959	16.2	7.05	67.9	751			

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				7200	4.82	BSSA	

WEATHER: warm, Clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): ~~NA~~

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282164

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

Resampled

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

BSSA

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: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1435					4.90	BSSA	

WEATHER: clear, sunny AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): – _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282165

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-8-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

BSSB

DEPTH TO WATER (feet): 9.52

TOTAL DEPTH (feet): 12.85

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 = 10 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: Field pH/Temp/sc meter was not exposed to well water; it appeared contaminated pH measured w/ pH paper

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
8:40	0.0	7					pure oil - strong fumes
902	6.6	7					
920	9.9						

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1000					9.43	BSSB	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): FDUP-2

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282166

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/13/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

BSSB

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: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1434					9.23	BSSB	

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): — _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282167

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-5

DEPTH TO WATER (feet): 4.12

TOTAL DEPTH (feet): 8.00

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: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
8 44	0.0	8.38	64.5	609			
8 55	5						well is 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
1115				7200	4.12	MW-5	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282168

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-5

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: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500					4.86	MW-5	

WEATHER: clear, sunny AIR TEMP (°F): 60

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter
282169

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

MW-7

DEPTH TO WATER (feet): 7.99

TOTAL DEPTH (feet): 16.50

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 = 25.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: Field pH/temp/sc meter not exposed to well water; appeared contaminated, pH measured w/ pH paper

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0928	0.0	8					Apparent sheen
0934	8.51	8					
0944	17.02	8					
0954	21.3	8					

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1030				>200	8.05	MW-7	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282170

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ND

SAMPLE LOCATION ID

MW-7

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
1035	~~0.80~~ 25	7.2	74.5	910			
1057	21	7.32	76.7	930			
1120	43	7.37	73.7	940			
1142	64	7.43	78	980			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1449					7.83	MW-7	

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282171

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-8-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

OT15-C

DEPTH TO WATER (feet): 8.25

TOTAL DEPTH (feet): 16.40

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 = 24.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1410	0.0	6.5	87.4	722			
1424	8.2	7.2	79.4	647			
1441	16.4	7.2	78.5	644			
1500	24.5	7.1	79.0	647			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1630				>200	8.17	OT15-C	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): OT15-C MS, OT15-C MSD, FDUP-8

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282172

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-01

DEPTH TO WATER (feet): 12.51

TOTAL DEPTH (feet): 17.30

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 = 15 gallons to purged

PURGING Equipment Used: PVC Bailer

NOTES: Field pH/Temp/EC meter not exposed to well water; appeared contaminated pH measured w/ pH paper

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1056	0.0	7					Apparent sheen
1101	5	7					
1106	10	7					
1111	15	7					

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1335				>200	12.65	SD13-01	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282173

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-01

DEPTH TO WATER (feet): 12.51

TOTAL DEPTH (feet): 12.30

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 = 15 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1514	1	6.99	79.9	558			
1519	5	6.93	79.3	597			
1528	10	6.94	80.1	594			
1530	15	6.96	80.7	598			

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1615					12.67	SD13-01	

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282174

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-02

DEPTH TO WATER (feet): 15.20

TOTAL DEPTH (feet): 16.40

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 = 3.6 gallons to purged

PURGING Equipment Used: PVC Bailer

NOTES: Field pH/Temp/sc meter not exposed to well water; appeared contaminated pH measured w/ pH paper

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1115	0.0	7					
1120	1.2	7					
1124	2.4	7					
1132	3.6	7					

SAMPLING Equipment Used: pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1430				>200	15.18	SD13-02	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282175

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-02

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: Pvc bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1625					13.40	SD13-02	

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282176

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-03

DEPTH TO WATER (feet): 11.51

TOTAL DEPTH (feet): 16.35

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(__ft of water in casingX__gallons/foot) + (__ft of annular waterX__gallons/foot)] X 3 = 15 gallons to purged

PURGING Equipment Used: PVC Bailer

NOTES: Field pH/Temp/SC meter not exposed to well water; appeared contaminated. pH measured w/ pH meter

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1030	0.0	7					Apparent Sheen
1036	5	7					
1043	10	7					
1049	15	7					

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1415				7200	11.41	SD13-03	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): SD1303 MS SD13-03 MSD

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282177

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): ND

SAMPLE LOCATION ID

SD13-03

DEPTH TO WATER (feet): 11.51

TOTAL DEPTH (feet): 16.35

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 = 14.5 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1525	0.25	7.6	89.7	746			
1532	5.0	7.16	85.0	710			
1543	10	7.2	81.6	760			
1550	15	7.3	82.3	760			

SAMPLING Equipment Used: PVC bailer

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

WEATHER: clear, sunny AIR TEMP (°F): 80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282178

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-8-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-06

DEPTH TO WATER (feet): 9.92

TOTAL DEPTH (feet): 13.70

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION:[(___ft of water in casingX___gallons/foot) + (___ft of annular waterX___gallons/foot)] X 3 = 28 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1143	0.0	7.06	68.9	845			
1205	0.5	7.11	68.3	7.94			well is 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
1525				158	11.06	SD1306	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

282179

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 4-8-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

SD13-07

DEPTH TO WATER (feet): 16.53

TOTAL DEPTH (feet): 21.35

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 = 15 gallons to purged

PURGING Equipment Used: PVC bailer

NOTES: Field pH/Temp/SC meter not exposed to wellwater; appeared contaminated. pH paper was used to measure pH

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1036	0.0	7.06	63.8	1125			
1041	5	7.0					pH paper
1047	10	7.0					
1054	15	7.0					has a sheen

SAMPLING Equipment Used: PVC bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1545				150.1	16.18	SD13-07	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282180

FIELD GROUND-WATER SAMPLING REPORT

Date: 4/8/95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

ST14-W22

DEPTH TO WATER (feet): 9.75

TOTAL DEPTH (feet): 13.95

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 = 12.6 gallons to purged

PURGING Equipment Used: PVC Bailer

NOTES: Field pH/Temp/sc meter not exposed to well water; appeared contaminated. pH was measured with pH paper.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1146	0.0	7.0					Petroleum Odor/Sheen
1156	4.21	7.5					
1205	8.4	7.5					well dry at 8.4 gallons

SAMPLING Equipment Used: PVC Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1510				>200	9.71	ST14-W22	

WEATHER: warm, clear AIR TEMP (°F): 70-80

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282181

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 6-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LSA 1628-3

DEPTH TO WATER (feet): 9.73 No product

TOTAL DEPTH (feet): 17.70

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 = 63 gallons to purged

PURGING Equipment Used: ~~PVC bailer~~ DEO Airlift Pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1000	21	6.95	72	1237			
1007	39	6.81	72.3	1194			
1012	49	6.83	71.3	1185			
1022	61	6.90	73.2	1230			
1025	63	6.90	72.5	1192			
1029	70	6.83	72.2	1193			
1035	79	6.87	72.2	1194			

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1645					9.52	LSA1628-3	

WEATHER: _____ AIR TEMP (°F): _____

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

282182

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 6-1-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 485 on 4/11/c

SAMPLE LOCATION ID

LSA1628-1

DEPTH TO WATER (feet): 10.10

TOTAL DEPTH (feet): 20.00 0.08' Free product

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 = 69 gallons to purged

PURGING Equipment Used: QED Airlift Pump

NOTES: well purging dry around 10 gal.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
1358	10						

SAMPLING Equipment Used: _____

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1545					9.49	LSA1628-1	

WEATHER: _____ AIR TEMP (°F): _____

SAMPLE ID FOR QC SAMPLE(s): ✓ _____ _____

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

More on back (circle one)? yes no

First Quarter

282183

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 6-1-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID

LSA1628-2

DEPTH TO WATER (feet): 10.07

TOTAL DEPTH (feet): 19.05

.06' free product

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 = ~~67.4~~ 72 gallons to purged

PURGING Equipment Used: ~~PVC bailer~~ QED Air lift pump

NOTES: Due to presence of fuel hydrocarbon & conductance not used.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
	0.0						
~~1600~~ 11 38	~~0.25~~ 0	~~2.0~~					Fuel odor
~~16 34~~ 11 46	~~22.5~~ 15	12.25	64.7	1154			
~~16 45~~ 11 58	25	12.67					
12 11	35	13.46					
12 12							well dry

SAMPLING Equipment Used: Well was not sampled at this time - during purging, Free product was discovered on water, repurged + sampled June 13, 1995.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1600					9.98	LSA1628-2	

WEATHER: _____ AIR TEMP (°F): _____

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:			
REVIEWED:			

File = GWSAMPCA REP

Project 11-3517-3201

More on back (circle one)? yes no

APPENDIX E-2

SECOND QUARTER GROUND-WATER SAMPLING REPORTS

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282185

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: LF-5 PID READING @ WELL HEAD (ppm): 3

SAMPLE LOCATION ID

LF05-56

DEPTH TO WATER (feet): 20.42

TOTAL DEPTH (feet): 30.22

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(9.8 ft of water in casing X .17 gallons/foot) + (9.8 ft of annular water X .77 gallons/foot)] X 3 = 27.64 gallons to purged

PURGING Equipment Used: Stainless steel Grundfos electric submersible pump

NOTES: pH meter not working properly - discovered 7-13-95 reading very high readings below not correct

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0815	~~0.0~~ 2.0	9.53	72.0	855	35.3		No odor
0819	9.2	9.63	69.6	873	5.3		1 ppm from purge water
0825	18.4	9.62	69.2	867	2.2		Clear
0832	27.7	9.62	69.7	860	1.7		Clear
0833	27.8	9.61	69.6	859	1.8		Duplicate Reading

SAMPLING Equipment Used: PVC bailer (dedicated) with SS. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0845	9.60	69.5	859	1.6	20.52'	LF05-56	

WEATHER: Hot, clear, calm AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig Bill Craig	Bill Craig	7-12-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282186

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 45

SAMPLE LOCATION ID: ST14W16

DEPTH TO WATER (feet): 8.36'

TOTAL DEPTH (feet): 18.59

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(10.23 ft of water in casing X .17 gallons/foot) + (10.23 ft of annular water X .77 gallons/foot)] X 3 = 28.8 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos electric submersible pump

NOTES: Discovered on 7-13-95 that pH meter was reading very high readings below not correct

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1025	0.0	9.57	79.2	636	127		Fuel odor
1029	9.5	9.68	75.3	592	16.6		
1035	19.0	9.70	73.8	585	5.3		
1039	28.8	9.70	73.4	590	2.5		

SAMPLING Equipment Used: PVC Bailer (dedicated) w/S.S. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1050	9.68	73.9	592	3.2	8.38	ST14W16	Fuel odor

WEATHER: Hot, dry, calm AIR TEMP (°F): 90°

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

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-12-95
REVIEWED:			

282187

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14W15

DEPTH TO WATER (feet): 10.70'

TOTAL DEPTH (feet): 18.82

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(8.12 ft of water in casing X .17 gallons/foot) + (8.12 ft of annular water X .77 gallons/foot)] X 3 = 229 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos electric submersible pump

NOTES: Discovered on 7-13-95 that pH meter was reading high values below not correct

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1305	0.0	9.74	87.7	679	>200		Slight fuel odor (possible)
1317	7.5	9.70	84.7	634	>200		Silty Pumping slow
1335	15	9.62	78.6	638	10.4		Slight Sheen Present
1356	22.5	9.57	78.8	618	8.9		Clear
1318	7.6	9.71	83.9	635	>200		Duplicate Reading

SAMPLING Equipment Used: PVC Bailer (dedicated) w/S.S. Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1410	9.60	78.9	617	10.2	10.87'	ST14W15	

WEATHER: Hot, windy, sunny AIR TEMP (°F): 100'

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Croy	Bill Croy	7-12-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282188

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14W23

DEPTH TO WATER (feet): 7.13

TOTAL DEPTH (feet): 9.98'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(2.85 ft of water in casing X .17 gallons/foot) + (2.85 ft of annular water X .72 gallons/foot)] X 3 = 8.0 gallons to purged

PURGING Equipment Used: PVC bailer w/ ss. leader

NOTES: There is not enough water in this well to allow use of Grundfos pump. pH meter reading high - discovered on 7-13-95 - readings below not correct.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1440	0.0	9.88	81.6	560	>200		Silty, No odor
1442	2.5	9.94	76.7	537	>200		Silty Dry @ 2.6 gallon

SAMPLING Equipment Used: PVC bailer w/ SS. Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1505	9.90	78.2	525	>200	7.18	ST14W23	

WEATHER: Clear, calm AIR TEMP (°F): 104°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-12-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282189

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 610 moisture Humid.

SAMPLE LOCATION ID

ST14-W7

DEPTH TO WATER (feet): 11.61'

TOTAL DEPTH (feet): 25.01'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(13.40 ft of water in casing X .17 gallons/foot) + (13.4 ft of annular water X .77 gallons/foot)] X 3 = 37.8 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Electric Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone PID ppm	OBSERVATIONS
0808	0.0	7.15	72.7	661	>200	0 ppm	No Odor Cloudy
0815	12.6	6.96	70.6	641	8.4		Clear
0822	25.2	7.02	70.3	645	3.4	0 ppm	Clear
0829	37.8	6.93	70.5	648	1.7	0 ppm	Clear
0830	37.9	6.92	70.6	646	1.6	0 ppm	Duplicate Reading

SAMPLING Equipment Used: PVC Bailer (dedicated) & S.S. Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0840	6.97	70.6	652	5.2	11.73'	ST14-W7	

WEATHER: Hot, clear, calm AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282190

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID

ST14-W6

DEPTH TO WATER (feet): 9.81'

TOTAL DEPTH (feet): 22.25

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(12.44 ft of water in casing X .17 gallons/foot) + (12.44 ft of annular water X .77 gallons/foot)] X 3 = 35.1 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos electrical submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
0905	0.0	7.41	74.1	621	68.2	0ppm	No odor
0911	11.7	6.93	72.4	646	23.2		Clear
0917	23.4	6.86	72.3	645	4.9		Clear
0922	35.1	6.87	72.4	643	2.8	0ppm	Clear

SAMPLING Equipment Used: PVC Bailer (dedicated) & SS bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0940	6.85	72.5	646	6.2	9.83	ST14-W6	

WEATHER: Hot, clear, calm AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

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ENGINEERING AND ENVIRONMENTAL SERVICES

282191

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

ST14 W13

DEPTH TO WATER (feet): 8.47

TOTAL DEPTH (feet): 17.18

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.71 ft of water in casing X .17 gallons/foot) + (8.71 ft of annular water X .77 gallons/foot)] X 3 = 24.6 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Electrical Submersible

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	Breathing Zone Flue	OBSERVATIONS
1044	0.08	6.78	73.5	749	>200	0ppm	STRONG Fuel ODOR
1048	8.2	6.92	70.3	692	>200		Cloudy, Brownish tint
1052	16.4	6.85	69.7	691	73.2		Clearing
1057	24.6	6.84	69.7	685	41.4		Slightly Cloudy
1053	16.6	6.86	69.7	690	69	0ppm	Duplicate Reading

SAMPLING Equipment Used: PVC Bailer (dedicated) w/SS leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1110	6.83	70.2	695	57.3	8.77'	ST14 W13	

WEATHER: Hot, clear, calm AIR TEMP (°F): 100°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282192

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: ST14 W11

DEPTH TO WATER (feet): 7.57'

TOTAL DEPTH (feet): 19.77

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [~~34.4~~ 12.20 BC ft of water in casing X .17 gallons/foot) + ~~34.4~~ 12.20 BC ft of annular water X .77 gallons/foot)] X 3 = 34.4 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Electrical Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
1128	0.0	7.26	72.0	683	32.1	0ppm	Slightly Cloudy
1134	11.5	7.17	70.6	667	3.5		Clear
1139	23.0	6.95	70.4	667	1.1		Fuel Odor
1145	34.5	6.94	70.5	661	2.4	0ppm	Clear

SAMPLING Equipment Used: PVC Bailer (dedicated) & SS bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1157	6.93	70.7	660	3.2	7.59'	ST14 W11	

WEATHER: Hot, Clear Calm AIR TEMP (°F): 100°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

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ENGINEERING AND ENVIRONMENTAL SERVICES

282193

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID

ST14 W09

DEPTH TO WATER (feet): 8.49'

TOTAL DEPTH (feet): 20.16'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(11.67 ft of water in casing X .17 gallons/foot) + (11.67 ft of annular water X .77 gallons/foot)] X 3 = 33 gallons to purged

PURGING Equipment Used: Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	HNU Breathing Zone	OBSERVATIONS
1322	0.0	7.03	70.9	640	200	0ppm	Turbid No odor
1328	11	6.85	70.4	632	16.5		Clear
1332	22	6.79	69.8	629	8.2		Clear
1339	33	6.82	70.4	616	4.7	0ppm	Clear
1340	33.3	6.83	70.2	615	4.5	0ppm	Duplicate Reading

SAMPLING Equipment Used: PVC bailer with SS./Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1355	6.85	69.9	632	8.9	8.51	ST14W09	

WEATHER: Clear Calm AIR TEMP (°F): 100°

SAMPLE ID FOR QC SAMPLE(s): MS/MSD - ST14W09MS, ST14W09MSD

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: LF01-1A

DEPTH TO WATER (feet): 14.76'

TOTAL DEPTH (feet): 33.49'

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(18.73 ft of water in casing X .17 gallons/foot) + (18.73 ft of annular water X .77 gallons/foot)] X 3 = 53 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing zone HNU	OBSERVATIONS
1428	0.0	6.09	75.5	656	19.6	0ppm	Fuel odor, Tint brownish
1442	17.7	6.66	70.5	678	8.4		Clear
1452	35.4	6.79	74.0	679	2.7		Clear
1502	53.1	6.78	73.9	682	2.4		Clear

SAMPLING Equipment Used: PVC Bailer with S.S./Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1515	6.76	74.2	680	8.9	14.84	LF01-1A	

WEATHER: Hot clear clear AIR TEMP (°F): 100°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-13-95
REVIEWED:			

More on back (circle one)? yes no

282195

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 10 ppm

SAMPLE LOCATION ID: LF01-1E

DEPTH TO WATER (feet): 17.19

TOTAL DEPTH (feet): 33.09

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(15.9 ft of water in casing X .17 gallons/foot) + (15.9 ft of annular water X .77 gallons/foot)] X 3 = 44.8 gallons to purged

PURGING Equipment Used: Electric Grundfos submersible pump

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing zone	OBSERVATIONS
0759	0.0	6.66	69.4	646	>200	0ppm	No odor - Cloudy
0810	15	6.68	69.4	653	47.9		Clearing
0819	30	6.69	69.3	651	10.9	0ppm	Clear
0829	45	6.70	69.4	648	3.2	0ppm	Clear
0820	30.2	6.69	69.3	651	9.9	0ppm	Duplicate Reading

SAMPLING Equipment Used: PVC Bailer (dedicated) w/SS leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1057	6.69	69.4	652	22.1	17.21	LF01-1E	

WEATHER: Hot, clear, calm AIR TEMP (°F): 97°

SAMPLE ID FOR QC SAMPLE(s): FDUP-5

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-14-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282196

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID: LF01-1C

DEPTH TO WATER (feet): 17.69

TOTAL DEPTH (feet): 32.48

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(14.79 ft of water in casing X .17 gallons/foot) + (14.79 ft of annular water X .77 gallons/foot)] X 3 = 41.7 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
0849	0.0	6.69	70.4	854	28.3	0ppm	Fuel odor, Brown turbidity
0857	14	6.67	69.6	732	5.6		Clear
0906	28	6.69	69.5	719	3.2		Clear
0915	42	6.72	69.5	713	1.3	0ppm	Clear

SAMPLING Equipment Used: PVC Bailer (dedicated) w/ 3/8 Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0935	6.67	69.6	721	5.2	17.96'	LF01-1C	

WEATHER: Hot, clear, calm AIR TEMP (°F): 97°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-14-95
REVIEWED:			

More on back (circle one)? yes no

282197

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID: LF01-1D

DEPTH TO WATER (feet): 18.79

TOTAL DEPTH (feet): 27.98

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(9.19 ft of water in casing X .17 gallons/foot) + (___ ft of annular water X .77 gallons/foot)] X 3 = 25.9 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1125	0.0	6.87	74.4	847	12.0		Sheen Fuel odor - pump stopped 4 gal.
1315	8.7	6.81	72.7	927	62.9		We repair pump and resume purging -
1320	~~17.4~~ BC	~~6.74~~ BC		~~435~~ BC			Well dry @ 10 gallons
	~~26~~ BC						

SAMPLING Equipment Used: PVC Bailer (dedicated) w/ss. bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1340	6.74	71.5	935	49.1	19.45	LF01-1D	

WEATHER: clear, Hot, calm AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-14-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282198

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID: ST14-W22

DEPTH TO WATER (feet): 10.31

TOTAL DEPTH (feet): 14.03

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION:[(3.72 ft of water in casing X .17 gallons/foot) + (3.72 ft of annular water X .17 gallons/foot)] X 3 = 10.5 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible / PVC Bailer

NOTES: Well went DRY @ 3.5 Gallons - HAND Bailed the Rest of the Volumes.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing zone	OBSERVATIONS
1402	0.0	7.05	72.5	789	>200	0 ppm	No odor or sheen
1416	3.5	6.97	71.5	735	>200	0 ppm	
1422	7.0	6.99	71.5	720	>200	0 ppm	
1428	10.5	6.95	71.3	722	>200	0 ppm	
1417	3.6	6.98	71.5	734	>200	0 ppm	Duplicate Reading

SAMPLING Equipment Used: PVC - Bailer (dedicated) & SS Bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1445	6.98	72.3	725	>200	10.48	ST14-W22	

WEATHER: Hot, clear, calm AIR TEMP (°F): 97°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-19-95
REVIEWED:			

282199

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID: BSS-MW11

DEPTH TO WATER (feet): 26.35

TOTAL DEPTH (feet): 32.43'

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(6.08 ft of water in casing X .66 gallons/foot) + (6.08 ft of annular water X 1.04 gallons/foot)] X 3 = 31.0 gallons to purged

PURGING Equipment Used: PVC bailer w/ SS/Teflon lead

NOTES: Well has historically been a poor recharger - Obstruction can be felt about 1' from bottom of well - Damaged screen? Apparent Filter sand in water.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	Breathing Zone	OBSERVATIONS
0823	0.0	6.77	71.8	830	78.3	0ppm	Med. - Coarse Sand
0829	~~10.3~~ 4.5	6.80	71.2	824	157		Present in purge water
0839	10.3	6.90	71.5	832	5200	0ppm	Dry - @ 7 gallon
	20.6						
	31.0						

SAMPLING Equipment Used: PVC bailer with SS Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1150	6.87	72.1	840	35.2	27.35'	MW11	

WEATHER: Clear, Lt South wind AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-15-95
REVIEWED:			

282200

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 10 ppm

SAMPLE LOCATION ID: BSS-MW-10

DEPTH TO WATER (feet): 12.65

TOTAL DEPTH (feet): 32.91

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(20.26 ft of water in casing X .66 gallons/foot) + (20.26 ft of annular water X 1.04 gallons/foot)] X 3 = 103.3 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing zone HNu	OBSERVATIONS
0905	0.0	7.05	70.4	1091	6.4	0ppm	Fuel odor
0924	34.5	6.71	70.5	1093	42.8		↓
0943	69.0	6.70	70.3	1100	20.3		
1001	103.5	6.70	70.6	1103	14.8	0ppm	
1003	103.9	6.70	70.4	1100	14.0	0ppm	Duplicate Reading

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	6.70	70.5	1105	20.2	14.97	MW-10	

WEATHER: Hot, clear, calm AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): BDC MW-10MS, MW-10MSD

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-15-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: BSS-MW-8

DEPTH TO WATER (feet): 7.20'

TOTAL DEPTH (feet): 26.85'

INSIDE DIAMETER of WELL (inches): 4'

PURGE VOLUME CALCULATION: [(19.65 ft of water in casing X .66 gallons/foot) + (19.65 ft of annular water X 1.04 gallons/foot)] X 3 = 100.2 gallons to purged

PURGING Equipment Used: Grundfos electric submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
1104	0.0	7.15	71.6	677	21.2	0ppm	~~Fuel odor~~ No Odor
1120	33.4	6.89	71.2	676	10.2		
1136	66.8	6.87	71.2	669	4.7		
1152	100.2	6.87	72.0	673	3.2	0ppm	

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1205	6.88	71.5	675	5.2	7.67	BSS-MW8	

WEATHER: Clear, 5-10mph South wind AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-15-95
REVIEWED:			

282292

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID: SD13-06

DEPTH TO WATER (feet): 12.14

TOTAL DEPTH (feet): 13.75

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(1.61 ft of water in casing X .66 gallons/foot) + (1.61 ft of annular water X 1.04 gallons/foot)] X 3 = 8.2 gallons to purged

PURGING Equipment Used: ~~PVC~~ Teflon bailer w/ SS Teflon leader

NOTES: Well has history of going dry - use bailer instead of pump.

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HN	OBSERVATIONS
1457	0.0	7.19	71.3	1154	89.6	0ppm	No Odor
1503	2.1	7.02	71.5	925	97.3		Going Dry.
1505	Purged	dry at	2.3 gallon				

SAMPLING Equipment Used: Teflon Bailer with SS/Teflon leader.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1700	6.98	71.6	930	15.2	12.45	SD13-06	

WEATHER: Cloudy. Rain, ~~Light~~ Lightning AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-15-95
REVIEWED:			

More on back (circle one)? yes no

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ENGINEERING AND ENVIRONMENTAL SERVICES

282203

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 10 ppm

SAMPLE LOCATION ID: SD13-07

DEPTH TO WATER (feet): 18.03' .10 Floating product

TOTAL DEPTH (feet): 21.40'

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(3.37 ft of water in casing X .66 gallons/foot) + (3.37 ft of annular water X 1.04 gallons/foot)] X 3 = 17.2 gallons to purged

PURGING Equipment Used: ~~PVC~~ Teflon bailer w/ ss leader

NOTES: .10' free product on water

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing zone HNu	OBSERVATIONS
1518	0.0	6.93	72.1	762	32.1	<1 ppm	Free product, Fuel odor
1526	5.7	6.90	71.5	723	28.3	<1 ppm	↓
1532	11.4	6.93	71.6	720	26.0	<1 PPM	↓
1538	17.2	6.91	70.6	724	20.3	<1 PPM	↓
1527	5.8	6.91	71.5	722	28.4	<1 ppm	Duplicate Reading

SAMPLING Equipment Used: Teflon bailer w/ ss/Teflon leader.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	6.91	70.6	724	20.3	17.85	SD13-07	

WEATHER: P. Cloudy, South Wind 10-15 AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-15-95
REVIEWED:			

282204

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 300 no [illegible]

SAMPLE LOCATION ID: GMI22-02M

DEPTH TO WATER (feet): 8.46'

TOTAL DEPTH (feet): 28.15

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(19.69 ft of water in casing X .17 gallons/foot) + (19.69 ft of annular water X [illegible] gallons/foot)] X 3 = 55.5 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
0909	0.0	6.44	69.5	438	199.3	0 ppm	No odor
0916	18.5	6.80	69.2	503	49.2		
924	37	6.96	69.2	536	16.8		
0932	55.5	6.98	69.2	559	8.0	0 ppm	

SAMPLING Equipment Used: PVC Bailer (dedicated) w/SS bail

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0950	6.98	69.2	559	8.0	8.46	GMI22-02M	

WEATHER: Clear Calm AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-16-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: GMI 22-01m

DEPTH TO WATER (feet): 17.95'

TOTAL DEPTH (feet): 27.60

INSIDE DIAMETER of WELL (inches): 2"

PURGE VOLUME CALCULATION: [(9.65' ft of water in casing X .17 gallons/foot) + (9.65' ft of annular water X .77 gallons/foot)] X 3 = 27 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES: No lock on well - flushmount

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HNu	OBSERVATIONS
1008	0.0	6.91	73.5	854	>200	0ppm	Fuel odor
1015	9.0	6.78	70.2	932	133		
1021	18.0	6.80	69.8	935	22.1	0ppm	
1027	27.0	6.81	69.8	932	9.2	0ppm	
1022	18.2	6.80	69.8	935	20.9	0ppm	Duplicate Reading

SAMPLING Equipment Used: PVC Bailer (dedicated) w/SS leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1045	6.80	69.8	932	15.2	18.00	GMI 22-01M	

WEATHER: Hot, clear, calm AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-16-95
REVIEWED:			

More on back (circle one)? yes no

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 6-7-1695 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID: SD13-05

DEPTH TO WATER (feet): 9.42 ~~product 10.02 to 14~~

TOTAL DEPTH (feet): 13.65

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(4.23 ft of water in casing X .66 gallons/foot) + (4.23 ft of annular water X 1.02 gallons/foot)] X 3 = 21.6 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	Breathing Zone HNU	OBSERVATIONS
1230	0.0	7.12	79.6	825	13.9	0ppm	No odor, clear
1236	7.2	6.88	78.9	825	5.6		↓
1240	14.4	6.90	79.0	824	2.9		↓
1245	21.6	6.88	79.2	823	1.8	0ppm	↓

SAMPLING Equipment Used: PVC - Bailer (dedicated) w/ string

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1300	6.88	79.2	823	1.8	9.51	SD13-05	

WEATHER: Hot, clear, calm AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): — FDUP-4

	NAME	SIGNATURE	DATE
PREPARED:	Bill Cray	Bill Cray	7-16-95
REVIEWED:			

More on back (circle one)? yes no

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FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: LF4 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

LF4-04A

DEPTH TO WATER (feet): 12.56

TOTAL DEPTH (feet): 24.71

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(12.15 ft of water in casing X .17 gallons/foot) + (12.15 ft of annular water X .77 gallons/foot)] X 3 = 34.5 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES: AFTER PURGING WELL DRY THREE TIMES — SAMPLE

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S Time	OBSERVATIONS
1405	0.0	7.74	77.7	607	7200	1405/d	light brown/orange color
1412	11.5	7.37	77.2	642	121.2		clearing
1415	15	7.39	77.0	639	118.3	1415/d	well Dry (very slow)
1413	11.6	7.36	77.5	642	120.5		Duplicate Reading

SAMPLING Equipment Used: PVC bailer with ss/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~1420~~ 1440	7.41	77.3	639	112.9	12.43	LF4-04A	well went dry

WEATHER: P. CLOUDY / light breeze AIR TEMP (°F): 95

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-16-95
REVIEWED:			

282208

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: LF4 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: LF4-04B

DEPTH TO WATER (feet): 20.59

TOTAL DEPTH (feet): 25.39

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(~~5.200~~ 4.80 ft of water in casing X .17 gallons/foot) + (~~5.200~~ 4.80 ft of annular water X .77 gallons/foot)] X 3 = ~~19.65~~ 13.53 gallons to purged

PURGING Equipment Used: PVC BAILER w/ S.S. leader

NOTES: not much H2O so we will PURGE w/ BAILER - Slow Recharge

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S	OBSERVATIONS
1507	0.0	7.37	76.7	720	>200	1507/Ø	no odor / brownish color
1512	~~8~~ @ 2.5	7.14	72.7	685	>200		
~~1519~~	~~10~~ @ 5.0 ~~7.17~~	~~70.6~~		~~>200~~	@		
1519	~~15~~ @ 5.0	7.17	70.6	680	>200	1520/Ø	"
1529	10.0	7.22	69.9	671	>200		
1540	15.0	~~6.42~~	73.6	692	63.3		
		7.16					

SAMPLING Equipment Used: PVC bailer w/ SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1555	7.16	73.6	692	63.3	20.81	LF4-04B	Slow recharger

WEATHER: P. CLOUDY AIR TEMP (°F): 95

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Cray	Bill Cray	7-16-95
REVIEWED:			

More on back (circle one)? yes (no)

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FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: LSA1628 PID READING @ WELL HEAD (ppm): 45

SAMPLE LOCATION ID

LSA 1628-2

DEPTH TO WATER (feet): 10.14

TOTAL DEPTH (feet): 19.14 PRODUCT 10.02 - 10.14

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(9.00 ft of water in casing X .66 gallons/foot) + (9.00 ft of annular water X 1.04 gallons/foot)] X 3 = 45.90 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	N&S TIME/ppm	OBSERVATIONS
1635	0.0	7.43	76.9	1137	47.5	1635/ø	Sheen - pumping from bottom of well
1650	15.5	7.17	75.8	1220	17.0	1650/<1	"
1705	31.0	7.13	75.3	1227	9.8	1705/<1	
1720	46.0	7.18	75.2	1232	7.1	1721/<1	

SAMPLING Equipment Used: PVC bailer w/ SS teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1735	7.15	75.6	1230	6.3	10.36	LSA1628-2	

WEATHER: OVERCAST / light breeze AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): —

	NAME	SIGNATURE	DATE
PREPARED:	Bill Craig	Bill Craig	7-16-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282210

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: WP07-10C PID READING @ WELL HEAD (ppm): Ø
BZ Ø

SAMPLE LOCATION ID

WP07-10C

DEPTH TO WATER (feet): 19.51

TOTAL DEPTH (feet): 28.79

INSIDE DIAMETER of WELL (inches): 2 in

PURGE VOLUME CALCULATION: [(9.28 ft of water in casing X .17 gallons/foot) + (9.28 ft of annular water X ~~2.85~~ .77 gallons/foot)] X 3 = 26.14 ~~25.4~~ gallons to purged

PURGING Equipment Used: GRUNFOS SUBMERSIBLE PUMP

NOTES: originally calculated wrong volumes, then corrected in logbook #3

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H.S Readings Time/ppm	OBSERVATIONS
0816	0.0	6.36	72.2	351	16.5	0835/<1	silty
0834	25 gal	6.96	72.3	386	14.3	0845/<1	
0845	35 gal	7.01	73.1	390	11.4	0855/<1	
0855	45 gal	7.02	73.2	388	10.3		
0835	25 gal	6.98	72.2	385	13.9	<1	duplicate reading

SAMPLING Equipment Used: PVC BAILER w/ S.S. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0915	7.01	73.2	389	9.9	19.54	WP07-10	

WEATHER: Sunny AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Chris Stubblefield	[signature]	7-12-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 1 ppm BZ ~~0ppm~~

SAMPLE LOCATION ID: ST14-W21

DEPTH TO WATER (feet): 10.64

TOTAL DEPTH (feet): 17.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.16 ft of water in casing X .17 gallons/foot) + (7.16 ft of annular water X .17 gallons/foot)] X 3 = 20.16 gallons to purged

PURGING Equipment Used: Grund Fos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H.S reading time/ppm	OBSERVATIONS
1057 ~~1057~~	0.0	7.76	78°	649	7200	1025/0	Lt. Brown + turbid
1100	7	7.06	82.1	650	7200	1100/0	"
1105	~~14~~ 8	7.11	82.9	653	7200		
	21						

SAMPLING Equipment Used: PVC BAILER w/ S.S. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1125	7.09	82.3	649	7200	11.40	ST14-W21	well went dry

WEATHER: Sunny AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-12-95
REVIEWED:			

More on back (circle one)? yes/no

282212

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: ST14-W04

DEPTH TO WATER (feet): 12.88 BZ. Ø

TOTAL DEPTH (feet): 17.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.97 ft of water in casing X .17 gallons/foot) + (4.97 ft of annular water X .77 gallons/foot)] X 3 = 13.98 gallons to purged

PURGING Equipment Used: Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S reading time/ppm	OBSERVATIONS
1340	0.0	7.66	81.2	631	7200		Grey color possible fuel odor
1345	5	7.09	76.4	602	27.0	1345/Ø	Cleaning
1349	10	7.07	75.4	597	12.23		
1354	15	7.02	75.3	596	5.01	1355/Ø	Clean
1355	15	7.02	75.2	597	5.02	Ø	Duplicate ~~background~~ reading

SAMPLING Equipment Used: PVC BAILOR w/ S.S. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1405	7.02	75.3	597	4.06	12.90	ST14-W04	

WEATHER: Sunny AIR TEMP (°F): 100°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	[signature]	[signature]	7-12-95
REVIEWED:			

282213

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-12-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 30

SAMPLE LOCATION ID: ST14-W20

DEPTH TO WATER (feet): 9.20

TOTAL DEPTH (feet): 15.82

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.62 ft of water in casing X .17 gallons/foot) + (6.62 ft of annular water X .77 gallons/foot)] X 3 = 18.63 gallons to purged

PURGING Equipment Used: GRUNDFOS Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	US readings time/ppm	OBSERVATIONS
1520	0.0	~~78.2~~ 7.23	78.2	705	7200	1520/ø	[illegible] cloudy, grey
1525	6.5	7.15	76.9	623	193.5		
1530	13	7.04	76.4	624	7200	1530/ø	
1535	19.5	7.00	76.3	624	135.2		
1540	26.0	7.01	76.4	623	130.6	1540/ø	cloudy

SAMPLING Equipment Used: PVC BAILOR w/ SS. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	7.01	76.4	624	130	9.37	ST14-W20	

WEATHER: Sunny AIR TEMP (°F): 100 (+)

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

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-12-95
REVIEWED:			

282214

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 42 B.Z. Ø

SAMPLE LOCATION ID

ST14-02

DEPTH TO WATER (feet): 12.39

TOTAL DEPTH (feet): 19.35

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.96 ft of water in casing X .17 gallons/foot) + (6.96 ft of annular water X .77 gallons/foot)] X 3 = 19.59 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S readings Time/ppm	OBSERVATIONS
0825	0.0	5.58	73.6	607	7200	0830/0	cloudy - grey color fuel like odor
0829	5.5	6.38	72.2	595	34.7		cleaning
0834	11	6.58	72.1	595	26.1	0835/Ø	cleaning
0838	16.5	6.68	72.0	598	16.03		"
0843	22	6.72	71.9	598	7.4	0845/Ø	clear
0835	11	6.60	72.0	596	26.0	Ø	Duplicate reading

SAMPLING Equipment Used: PVC BAILER w/ S.S. leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0850	6.69	72.0	596	6.92	12.40'	ST14-02	

WEATHER: Sunny AIR TEMP (°F): 90

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-13-95
REVIEWED:			

More on back (circle one)? yes (no)

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282215

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

ST14-01

DEPTH TO WATER (feet): 14.16 B.B Ø

TOTAL DEPTH (feet): 17.93

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(3.77 ft of water in casing X .17 gallons/foot) + (3.77 ft of annular water X .77 gallons/foot)] X 3 = 10.62 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H & S reading TIME/PPM	OBSERVATIONS
1000	0.0	7.23	75.2	283	70.1	1000/Ø	cloudy - silty
1005	4.0	6.86	@ 72.3	588	9.73		clear
1009	8.0	6.79	@ 72.1	586	8.14	1010/Ø	
1013	12.0	6.78	77.2	587	8.06		clear

SAMPLING Equipment Used: PVC BAILER w/ S.S. Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1025	6.78	77.1	587	8.03	14.12	ST14-01	

WEATHER: Sunny AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-13-95
REVIEWED:			

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282216

FIELD GROUND-WATER SAMPLING REPORT

Date: 7 13 95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 1

SAMPLE LOCATION ID

ST14-W05

DEPTH TO WATER (feet): 8.37 BZ Ø

TOTAL DEPTH (feet): _____

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.87 ft of water in casing X .17 gallons/foot) + (7.87 ft of annular water X .77 gallons/foot)] X 3 = 22.14 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES: _____

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H/S reading time/ppm	OBSERVATIONS
1058	0.0	7.03	76.9	682	7200	1100/Ø	dark brown - turbid
1103	7.5	6.95	78.2	598	3.90		clear
1107	15	6.93	79.2	588	1.85	1110/Ø	
1112	22.5	6.88	78.4	594	1.06		clear
1115	22.5	6.87	78.6	597	1.04		duplicate ~~background~~ reading

SAMPLING Equipment Used: PVC BAILER w/ S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1125	6.92	79.2	595	1.06	8.38	ST14-W05	

WEATHER: Sunny AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	C Stubblefield	C Stubblefield	7-13-95
REVIEWED:			

282217

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: ST14-W19

DEPTH TO WATER (feet): 9.93 B2 Ø

TOTAL DEPTH (feet): 16.63

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.70 ft of water in casing X .17 gallons/foot) + (6.70 ft of annular water X .77 gallons/foot)] X 3 = 18.84 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES: TEMP IS (+) A COUPLE DEGREE'S DUE TO BEING ON BLACKTOP!!

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H/S readings TIME/ppm	OBSERVATIONS
1354	0.0	7.49	78.2	641	16.2		cloudy - turn clearing point.
1402	6.5	6.74	76.7	632	6.4	1402 Ø	fuel like odor - clear
1407	13	6.64	75.1	617	4.90		
1410	19.5	6.62	74.9	622	3.81	1410 / Ø	

SAMPLING Equipment Used: PVC BAILER W/ S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1420	6.64	75.0	623	3.62	9.90	ST14-W19	MS / MSD

WEATHER: Sunny / HOT AIR TEMP (°F): 100(+)

SAMPLE ID FOR QC SAMPLE(s): MS / MSD

	NAME	SIGNATURE	DATE
PREPARED:	C Stubblefield	C Stubblefield	7-13-95
REVIEWED:			

More on back (circle one)? yes (no)

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282218

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-13-95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): 5

SAMPLE LOCATION ID

ST14-03

DEPTH TO WATER (feet): 9.64 B.Z <1

TOTAL DEPTH (feet): 19.19

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(9.55 ft of water in casing X .17 gallons/foot) + (9.55 ft of annular water X .77 gallons/foot)] X 3 = 26.91 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES: fuel truck is in area filling fuel tanks B.G = <1

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	M/S readings time/ppm	OBSERVATIONS
1510	0.0	7.14	77.6	574	>200	1510/<1	cloudy-silty fuel like odor
1515	9	6.84	73.9	497	>200		"
1520	18	6.75	73.2	628	111.0	1520/<1	clearing - fuel like odor
1525	27	6.76	72.9	623	115.0		
1516	9	6.82	73.6	502	>200		~~Background~~ Duplicate reading

SAMPLING Equipment Used: PVC BAILER w/ S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1530	6.75	73.1	621	112.0	9.73	ST14-03	

WEATHER: SUNNY AIR TEMP (°F): 95°↑-100°↓

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C Stubblefield	C Stubblefield	7-13-95
REVIEWED:			

More on back (circle one)? yes (no)

282219

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: SD13 PID READING @ WELL HEAD (ppm): 18

SAMPLE LOCATION ID: SD13-01

DEPTH TO WATER (feet): 10.12 B2 ∅

TOTAL DEPTH (feet): 17.40

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.28 ft of water in casing X .17 gallons/foot) + (7.28 ft of annular water X .77 gallons/foot)] X 3 = 20.49 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H & S readings time/ppm	OBSERVATIONS
0828	0.0	5.85	75.2	632	8.31	0830/∅	Clear - fuel like odor
0832	7	6.16	74.3	635	4.07		
0836	14	6.36	74.1	632	3.69	0833/∅	Clear
0840	21	6.46	74.1	632	2.34		Clear

SAMPLING Equipment Used: TEFLON BAILOR w/S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0845	6.33	74.2	633	2.12	10.16	SD13-01	

WEATHER: P. CLDY / SUNNY AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C Stubblefield	C Stubblefield	7-14-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282220

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: SD13 PID READING @ WELL HEAD (ppm): 46
BZ Ø

SAMPLE LOCATION ID: SD13-03

DEPTH TO WATER (feet): 12.02

TOTAL DEPTH (feet): 16.53

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 SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S reading time/ppm	OBSERVATIONS
0908	0.0	6.65	72.7	652	17.08	0910/Ø	cloudy [illegible]
0912	4.5	6.64	72.7	651	7.21		clear
0916	9	6.65	72.7	654	5.10	0916/Ø	
0920	13.0	6.64	72.8	652	5.06		clear
0921	13.0	6.64	72.9	652	5.04		duplicate ~~background~~ reading

SAMPLING Equipment Used: ~~PVC~~ TEFLON @ BAILER w/ S.S LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0925	6.64	72.7	654	5.08	12.02	SD13-03	MS/MSD

WEATHER: AIR TEMP (°F): 95°

SAMPLE ID FOR QC SAMPLE(s): MS/MSD

PREPARED: NAME [signature] SIGNATURE [signature] DATE 7-14-95

REVIEWED:

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282221

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: SD13 PID READING @ WELL HEAD (ppm): 15

SAMPLE LOCATION ID

SD13-02

DEPTH TO WATER (feet): 15.22

TOTAL DEPTH (feet): 16.42

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION:[(1.20 ft of water in casing X .17 gallons/foot) + (1.20 ft of annular water X .77 gallons/foot)] X 3 = 3.36 gallons to purged

PURGING Equipment Used: ~~Grundfos Submersible Pump~~ PVC BAILER w/ S.S leader

NOTES: NOT USING GRUNDFOS PUMP DUE TO HAVING 1' OF H2O IN THE WELL — WE WILL USE A BAILER + BAIL THE WELL DRY

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H2S readings ppm/ppm	OBSERVATIONS
1045	0.0	7.20	78.2	670	32.1	1045/0	not enough H2O to cover the temp. measurement
1048	1.0	6.91	77.6	644	38.0		"
1051	2.0	6.87	77.1	636	31.5	1051/0	
1054	3.0	6.86	77.2	632	30.1		
1056	3.5	6.87	77.2	633	31.6	1056/0	
Well Recharge OK - bail 3 volumes + sample							

SAMPLING Equipment Used: ~~PVC~~ TEFLON BAILER w/ S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
~~1045~~ 1100	6.87	~~78.6~~	636	15.3	15.24	SD13-02	

WEATHER: SUNNY AIR TEMP (°F): 95 (+)

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. STUBBLEFIELD	C. Stubblefield	7-13-95
REVIEWED:			

282222

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7 14 95 Job: Carswell AFB Site: ST14 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: ST14-W08

DEPTH TO WATER (feet): 10.92 B.Z. Ø

TOTAL DEPTH (feet): 24.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(13.88 ft of water in casing X .17 gallons/foot) + (13.88 ft of annular water X .77 gallons/foot)] X 3 = 39.09 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H&S readings time/ppm	OBSERVATIONS
1125	0.0	7.43	72.4	633	7200	1125/Ø	gray water - chemical - fuel like odor
1131	13	6.77	71.1	633	143		
1137	26	6.76	70.7	631	~~145~~ 145	1137/Ø	
1145	40	6.76	70.7	628	7200		
1146	40	6.76	~~70~~ 70.9	630	7200		Duplicate ~~background~~ reading

SAMPLING Equipment Used: PVC BAILER w/ S.S. LEADER

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1153	6.77	70.8	633	7200	24.97	ST14-W08	

WEATHER: SUNNY AIR TEMP (°F): 95 (F)

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Schubblefield	C. Schubblefield	7-14-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 7/14/95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): 125

SAMPLE LOCATION ID: BSS-B

DEPTH TO WATER (feet): 9.88 B2 <1

TOTAL DEPTH (feet): 12.78

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(2.90 ft of water in casing X .17 gallons/foot) + (2.90 ft of annular water X .77 gallons/foot)] X 3 = 8.16 gallons to purged

PURGING Equipment Used: ~~Grundfos Submersible Pump~~ PVC Bailer w/ SS Leader

NOTES: STRONG FUEL LIKE ODOR – RECHARGE TOO SLOW TO RUN PUMP – WE WILL PURGE & SAMPLE w/ BAILER

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H2S readings time/ppm	Charcoal/black color light breeze OBSERVATIONS
1408	0.0	6.20	79.8	1036	>200	1410/<1	not enough H2O to run pump / strong fuel like odor
1412	1.5	6.28	76.9	985	>200		well is dry

SAMPLING Equipment Used: PVC Bailer w/ SS Teflon ~~bailer~~ leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1430	6.33	76.2	979	7200	9.90	BSS-B	DUP-2

WEATHER: Sunny / Light Breeze AIR TEMP (°F): 95(+)

SAMPLE ID FOR QC SAMPLE(s): DUP-2

PREPARED: NAME C. Hubblefield SIGNATURE C. Hubblefield DATE 7-14-95

REVIEWED: _____ _____ _____

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282224

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-14-95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: BSS-A

DEPTH TO WATER (feet): 5.23 BZ Ø

TOTAL DEPTH (feet): 10.35

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

5.12 x .17 ~~4.0 @~~ ~~.17 @~~ ~~4.0 @~~ 5.12 x .77 14.43

PURGING Equipment Used: Grundfos Submersible Pump

NOTES: ~~(4.35 x .17) + (4.35 x .77) + (.88 x .77) @~~
~~0.73 + 3.34 + .67 = 4.74 x 3 = 14.22 @~~

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H & S reading time/ppm	OBSERVATIONS
1520	0.0	7.05	80.2	848	157.4	1520/Ø	Cloudy - light brown
1525	5	6.93	80.7	835	133		
1530	10	6.84	81.2	839	12.2	1530/Ø	Clearing
1540	15	6.79	81.3	838	13.15		
1545	20	6.81	81.1	839	11.12		Clear

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1550	6.80	81.2	839	11.1	5.30	BSS-A	

WEATHER: Sunny / light breeze AIR TEMP (°F): 95 (+)

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-14-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

283225

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): ~~1800~~ 0

SAMPLE LOCATION ID: BSS mw-5

DEPTH TO WATER (feet): 5.03 B2 0

TOTAL DEPTH (feet): 8.06

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(2.78 ft of water in casing X .66 gallons/foot) + (2.98 ft of annular water X 1.04 gallons/foot)] X 3 = 13.86 gallons to purged

PURGING Equipment Used: PVC BAILER W/ SS LEADER

NOTES: HNU ACTED UP - BELIEVED TO BE FROM HUMIDITY

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H2S readings time/ppm	OBSERVATIONS
0845	0.0	6.38	81.0	449	7200	0845/0	[illegible]
0849	2.0	6.48	80.8	453	56.2		
0850	2.0	6.49	80.9	453	56.0		duplicate ~~[illegible]~~ reading

SAMPLING Equipment Used: PVC bailer with SS/teflon leader.

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0910	6.46	79.6	450	53.0	5.53	mw-5	well went dry

WEATHER: Sunny / light breeze AIR TEMP (°F): 80°

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-15-95
REVIEWED:			

More on back (circle one)? yes no

LAW
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282226

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): UNU ACTIN UP

SAMPLE LOCATION ID

BSS MW-7

DEPTH TO WATER (feet): 8.48

TOTAL DEPTH (feet): 16.50

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION:[(8.02 ft of water in casing X .66 gallons/foot) + (8.02 ft of annular water X 1.04 gallons/foot)] X 3 = 40.89 gallons to purged

PURGING Equipment Used: GRUNDFOS SUBMERSIBLE PUMP

NOTES: well went dry after 21 gal / again at 24 gal

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H2S readings TIME/ppm	OBSERVATIONS
0926	0.0	6.78	74.9	1004	66.0	0930/0	cloudy
0934	14	6.85	76.7	955	10.69		clearing
0944	24	6.79	74.8	939			turning cloudy again

SAMPLING Equipment Used: TEFLON BAILER w/ SS leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	6.81	74.2	937	54.0	8.56	MW-7	well went dry

WEATHER: SUNNY AIR TEMP (°F): 85

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-15-95
REVIEWED:			

More on back (circle one)? yes no

LAW
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282227

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): _____

SAMPLE LOCATION ID: BSS mw-9

DEPTH TO WATER (feet): 8.24

TOTAL DEPTH (feet): 22.81

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(14.57 ft of water in casing X .66 gallons/foot) + (14.57 ft of annular water X 1.04 gallons/foot)] X 3 = 74.31 gallons to purged

PURGING Equipment Used: Grundfos Submersible Pump

NOTES: HNU STILL NOT WORKING CORRECTLY

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	M&S reading time/ppm	OBSERVATIONS
1038	0.0	6.71	71.5	1048	39.0		cloudy
1052	25	6.84	70.5	1011	4.75		cleaning
1104	50	6.90	70.3	1019	2.89		clear
1116	75	6.81	70.7	1022	1.50		—
1105	50	6.88	70.3	1018	2.86		~~Background~~ Duplicate reading

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1125	6.84	70.3	1023	1.29	8.95	mw-9	

WEATHER: Sunny AIR TEMP (°F): 90(+) @ 1130 95°

SAMPLE ID FOR QC SAMPLE(s): _____

	NAME	SIGNATURE	DATE
PREPARED:	C Stubblefield	C Stubblefield	7-15-95
REVIEWED:			

282228

LAW
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FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: BSS PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID: BSS - MW12

DEPTH TO WATER (feet): 7.26 BZ Ø

TOTAL DEPTH (feet): 27.38

INSIDE DIAMETER of WELL (inches): 4

PURGE VOLUME CALCULATION: [(20.12 ft of water in casing X .66 gallons/foot) + (20.12 ft of annular water X 1.04 gallons/foot)] X 3 = 102.60 gallons to purged

PURGING Equipment Used: Grundfos Submersible Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	H2S readings time/ppm	OBSERVATIONS
1358	0.0	6.30	72.2	1186	252	1400/Ø	clear
1415	34.5	6.84	71.2	1072	25.1		cloudy
1430	69.0	6.80	71.9	1190	21.7	1430/Ø	
1445	103	6.84	72.1	1187	11.93		

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1455	6.83	72.2	1188	~~6.12~~ 6.12	8.20	mw-12	

WEATHER: Sunny / light breeze AIR TEMP (°F): 95 (+)

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-15-95
REVIEWED:			

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282229

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-15-95 Job: Carswell AFB Site: GMI22 PID READING @ WELL HEAD (ppm): Ø

SAMPLE LOCATION ID

GMI22-06m

DEPTH TO WATER (feet): 18.05 BZ Ø

TOTAL DEPTH (feet): 26.59

INSIDE DIAMETER of WELL (inches): 2.

PURGE VOLUME CALCULATION: [(8.54 ft of water in casing X .17 gallons/foot) + (8.54 ft of annular water X .77 gallons/foot)] X 3 = 24.09 gallons to purged

PURGING Equipment Used: Grundfos Submersible Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	HES Time/ppm	OBSERVATIONS
1548	0.0	7.21	75.9	1153	7200	1545/Ø	Light brown/orange [illegible]
1557	8	6.95	73.1	1143	146.4		Clearing
1605	16	6.91	73.0	1154	38.4	1605/Ø	"
1612	24.5	6.95	72.9	1159	13.08		
1605	16	6.92	73.3	1156	38.1		Duplicate reading

SAMPLING Equipment Used: PVC bailer with SS/Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1618	6.95	73.0	1155	11.72	18.06	GMI22-06m	

WEATHER: Sunny / Steady Breeze AIR TEMP (°F): 95

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-15-95
REVIEWED:			

More on back (circle one)? yes no

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282230

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: OT15 PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID

OT15-C

DEPTH TO WATER (feet): 8.66

TOTAL DEPTH (feet): 15.45

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.38 ft of water in casing X .17 gallons/foot) + (6.38 ft of annular water X .27 gallons/foot)] X 3 = 19.14 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0943	0.01	6.47	81.7	714	49.5		odor / PID - 6 ppm
0946	3.51	6.87	81.0	708	31.6		
0949	7.01	6.70	81.0	712	7.5		
0953	14.01	6.76	81.4	716	3.5		
0958	21.01	6.72	81.4	718	2.6		
0900	21.01	6.72	81.6	718	2.5		duplicate reading

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1015	6.69	81.4	714	2.2	8.74	OT15-C	

WEATHER: Sunny AIR TEMP (°F): 85

SAMPLE ID FOR QC SAMPLE(s): MS/MSD & DUP

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-16-95
REVIEWED:			

More on back (circle one)? yes no

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282231

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-12-95 Job: Carswell AFB Site: SWMU-24 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: WP07-10B

DEPTH TO WATER (feet): 26.66

TOTAL DEPTH (feet): 34.35

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.69 ft of water in casing X .17 gallons/foot) + (7.69 ft of annular water X .77 gallons/foot)] X 3 = 21.69 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0824	0.01	6.76	76.2	684	32.8		pump rate 2gpm PID=0ppm
0827	6.01	6.85	74.4	655	32.2		
0831	12.51	6.84	74.9	621	26.3		[illegible] pump rate to 1gpm PID=0ppm
0838	19.51	6.91	75.3	563	7.0		
0844	26.51	6.94	75.3	589	2.4		
0845	26.52	6.92	75.3	590	2.3		duplicate reading

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
0900	6.96	75.3	593	2.0	26.83	WP07-10B	

WEATHER: Clear AIR TEMP (°F): 70's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-12-95
REVIEWED:			

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ENGINEERING AND ENVIRONMENTAL SERVICES

282232

FIELD GROUND-WATER SAMPLING REPORT

Date: [illegible]-12-95 Job: Carswell AFB Site: SWMU-19 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12C

DEPTH TO WATER (feet): 30.43

TOTAL DEPTH (feet): 39.96

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(9.53 ft of water in casing X .17 gallons/foot) + (9.53 ft of annular water X .77 gallons/foot)] X 3 = ~~9.0~~ 27.0 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1015	0.01	8.78	83.0	~~7200~~ 787	>200		Set pump rate at 1gpm
1019	4.01	7.55	80.6	732	165		PID = 0ppm/Lt. Brn in cols
1024	9.01	7.21	79.2	725	53.7		
1033	18.01	6.97	79.1	731	44.3		
1037	22.01	7.17	78.7	720	43.0		PID = 0ppm
1042	27.01	7.04	78.0	711	40.3		
1046	31.01	7.09	77.9	718	39.4		
1047	31.16	7.07	78.0	715	40.0		

SAMPLING Equipment Used: Dedicated PVC Bailer with 5 feet Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1115	7.11	77.7	714	44.7	30.47	FT09-12C	

WEATHER: Clear AIR TEMP (°F): 80°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-12-95
REVIEWED:			

282233

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-12-95 Job: Carswell AFB Site: SWMU-19 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT09-12B

DEPTH TO WATER (feet): 29.46

TOTAL DEPTH (feet): 37.66

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(5.20 ft of water in casing X .17 gallons/foot) + (5.20 ft of annular water X .77 gallons/foot)] X 3 = 23.12 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1459	0.01	7.04	87.6	621	16		Adj. pump rate to 1gpm
1500	7.01	7.09	84.9	592	2.4		PID 0ppm but slight odor
1510	11.01	6.99	83.0	577	1.0		Clear
1517	18.01	7.16	83.1	575	.51		PID = 0ppm
1521	22.01	7.14	83.3	582	.50		
1524	25.01	7.11	82.0	577	.44		
1525	25.11	7.12	82.2	580	.37		duplicate reading

SAMPLING Equipment Used: Dedicated PVC Bailer with Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1540	7.14	82.1	583	.46	29.53	FT09-12B	

WEATHER: Clear / 100°F AIR TEMP (°F): 100°F

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

	NAME	SIGNATURE	DATE
PREPARED:	Charles F Smith	[signature]	07-12-95
REVIEWED:			

More on back (circle one)? yes no

282234

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-13-95 Job: Carswell AFB Site: N. of Base E. Taxiway Dr. PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: PGA

DEPTH TO WATER (feet): 11.06

TOTAL DEPTH (feet): 15.15

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.09 ft of water in casing X .17 gallons/foot) + (4.09 ft of annular water X .22 gallons/foot)] X 3 = 11.54 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0806	0.01	8.70	79.0	666	>200		Lt. Brown in color / H2O Foamy PID = 0ppm
0812	1.51	7.15	78.1	657	>200		
0820	3.51	7.10	78.0	615	>200		
0836	7.00	7.20	78.2	609	>200		Well purge to low to continue pumping / will allow to recharge and continue
0837	7.10	7.13	78.0	609	>200		
							SEE note in Field Book #2
							page 11

SAMPLING Equipment Used: Dedicated PVC bailer with 5 feet Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1120	7.29	78.8	621	>200	11.23	PGA	

WEATHER: Clear AIR TEMP (°F): 70°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-13-95
REVIEWED:			

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ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-13-95 Job: Carswell AFB Site: SWMU-23 PID READING @ WELL HEAD (ppm): 1.0

SAMPLE LOCATION ID: FT09-12A

DEPTH TO WATER (feet): 17.51

TOTAL DEPTH (feet): 27.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.34 ft of water in casing X .17 gallons/foot) + (10.34 ft of annular water X .77 gallons/foot)] X 3 = 29.12 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1007	0.01	7.70	80.7	592	111		set pump rate at 1 gpm PID - 0 ppm
1012	5.01	7.29	77.0	560	30.1		
1017	10.01	7.26	77.4	551	18.9		PID - 0 ppm
1027	20.01	7.31	77.5	557	10.0		
1032	30.01	7.24	77.6	550	4.3		
1038	30.11	7.26	77.5	552	4.3		duplicate removed

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1045	7.22	77.7	554	4.0	27.90	FT09-12A	

WEATHER: Clear AIR TEMP (°F): 80-90°F

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

	NAME	SIGNATURE	DATE
PREPARED:	Charles E Smith	[signature]	07-13-95
REVIEWED:			

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ENGINEERING AND ENVIRONMENTAL SERVICES

282236

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-13-95 Job: Carswell AFB Site: SWMU-23 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: LFC5-5C

DEPTH TO WATER (feet): 10.26

TOTAL DEPTH (feet): 20.44

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(10.18 ft of water in casing X .17 gallons/foot) + (10.18 ft of annular water X .77 gallons/foot)] X 3 = 28.71 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1330	0.01	6.47	86.0	779	59.2		adj flow rate to lower pid 0
1334	4.01	6.44	84.2	768	34.6		
1339	9.01	6.53	83.6	771	7.6		PID = 0
1344	19.01	6.57	84.1	780	5.0		
1359	24.01	6.60	83.3	781	2.3		
1401	24.11	6.60	83.5	780	2.3		DUPLICATE READING

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

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1410	6.64	83.0	779	3.1	10.31	LFC5-5C	

WEATHER: Partly Cloudy AIR TEMP (°F): 100°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-13-95
REVIEWED:			

282237

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-13-95 Job: Carswell AFB Site: SWMU-23 PID READING @ WELL HEAD (ppm): 1.2

SAMPLE LOCATION ID

LF05-50

DEPTH TO WATER (feet): 11.71

TOTAL DEPTH (feet): 21.18

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(9.47 ft of water in casing X .17 gallons/foot) + (9.47 ft of annular water X .17 gallons/foot)] X 3 = 26.71 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible Pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1442	0.01	6.33	82.1	886	143.		Set flow rate at 1 gpm PID - 0ppm
1447	5.01	6.36	79.3	855	36.2		
1451	9.01	6.38	79.8	879	9.3		Clearing PID - 0ppm
1500	18.01	6.53	79.5	870	2.0		
1509	27.01	6.54	79.2	877	2.3		PID - 0ppm
1511	27.11	6.52	79.4	879	2.2		DUPLICATE READING

SAMPLING Equipment Used: Dedicated PVC bailer w/ Spent teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1525	6.56	79.4	877	32.4	11.85	LF05-50	

WEATHER: Partly Cloudy AIR TEMP (°F): 100°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-13-95
REVIEWED:			

282238

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-14-95 Job: Carswell AFB Site: SWMU-18 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11B

DEPTH TO WATER (feet): 8.86

TOTAL DEPTH (feet): 17.06

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.20 ft of water in casing X .17 gallons/foot) + (8.20 ft of annular water X .77 gallons/foot)] X 3 = 23.62 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0803	0.01	6.56	75.7	1011	>200		Lt. Brown in color PID: 0 Set flow rate at 1gpm
0807	4.01	7.21	77.0	1102	19.3		Clearing/Foaming slightly
0810	7.01	6.93	77.1	1089	7.0		PID: 0
0818	15.01	6.89	77.8	1080	1.8		
0826	23.01	6.92	77.6	1061	1.3		
0828	25.01	6.92	77.5	1069	1.0		PID: 0

SAMPLING Equipment Used: Dedicated PVC bailer w/ Sweet teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0840	6.94	77.4	1170	3.0	8.90	FT08-11B	

WEATHER: Clear AIR TEMP (°F): 70°F

SAMPLE ID FOR QC SAMPLE(s):

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-14-95
REVIEWED:			

282239

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-14-95 Job: Carswell AFB Site: Swmu-18 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

FT08-11A

DEPTH TO WATER (feet): 11.57

TOTAL DEPTH (feet): 17.54

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(5.97 ft of water in casing X .17 gallons/foot) + (5.97 ft of annular water X .17 gallons/foot)] X 3 = 6.87 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
0904	0.01	7.32	78.1	787	35		Set flow rate at 100 mm 190 mm
0907	3.01	7.01	77.1	688	52.3		
0910	6.01	6.89	77.5	679	9.8		PID - 0 ppm/Clearing
0916	12.01	6.92	78.0	682	10.0		
0922	18.01	6.88	78.2	683	5.1		
0923	18.11	6.90	78.0	680	5.0		DUPLICATE READING

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

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0935	6.90	78.0	680	12.4	11.62	FT08-11A	

WEATHER: Clear AIR TEMP (°F): 85

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-14-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282240

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-14-95 Job: Carswell AFB Site: BW1027 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

~~T4A~~ T4A T4.A

DEPTH TO WATER (feet): 17.82

TOTAL DEPTH (feet): 21.45

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.63 ft of water in casing X .17 gallons/foot) + (3.63 ft of annular water X .17 gallons/foot)] X 3 = 1.84 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1100	0.01	5.69	81.1	615	>200		Lt. Brn color/sm fines
1104	2.01	6.49	78.1	520	>200		PID: 0ppm
1108	4.01	6.80	77.8	517	>200		
1116	8.01	6.82	77.8	511	>200		
1124	12.01	6.85	77.9	519	>200		PID: 0ppm
1125	12.11	6.86	77.8	517	>200		Duplicate Reading

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1140	6.8	78.0	509	>200	17.82	T4A	Metals container foamed when filled

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	Chas F. Smith	07-14-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282241

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-14-95 Job: Carswell AFB Site: BR 3249 PID READING @ WELL HEAD (ppm): 0 ppm

SAMPLE LOCATION ID

T3

DEPTH TO WATER (feet): 4.34

TOTAL DEPTH (feet): 8.54

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 = 4.68 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1402	0.01	7.15	86.4	635	>200		Lt. Brown color Some fines PID = 0 ppm
1410	2.51	7.08	85.1	625	>200		Muddy
1420	4.01	7.02	85.0	624	>200		PID = 0 ppm
1435	8.01	7.06	84.7	615	>200		Clearing
1450	12.01	7.06	84.0	612	7.4		
1452	12.11	7.05	84.0	616	7.6		Duplicate Reading

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (μmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500	7.09	84.2	615	>200	4.58	~~4.6~~ 4.5 T3	

WEATHER: Partly Cloudy AIR TEMP (°F): 90s

SAMPLE ID FOR QC SAMPLE(s): N A

	NAME	SIGNATURE	DATE
PREPARED:	Charles E Smith	Charles E Smith	07-14-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282242

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-14-95 Job: Carswell AFB Site: GM122 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: GM122-05M

DEPTH TO WATER (feet): 11.40

TOTAL DEPTH (feet): 14.80

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(3.40 ft of water in casing X .17 gallons/foot) + (3.40 ft of annular water X .17 gallons/foot)] X 3 = 9.60 gallons to purged

PURGING Equipment Used: Dedicated PVC Bailer w/ Sfeet Teflon leader

NOTES: See field log book #2 page 17 - note 1532 hrs

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1540	0.01	7.21	81.0	1024	28.3		
1544	2.0	7.16	77.7	928	40.0		Bailed Dry at 2.0 gals

SAMPLING Equipment Used: Dedicated PVC bailer w/ Sfeet teflon bailer

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1630	7.10	78.2	939	57	11.89	GM122-05M	

WEATHER: Partly Cloudy AIR TEMP (°F): 90's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-14-95
REVIEWED:			

More on back (circle one)? yes no

282243

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-15-95 Job: Carswell AFB Site: GM122 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

GM122-07m

DEPTH TO WATER (feet): 15.12

TOTAL DEPTH (feet): 23.32

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.20 ft of water in casing X .17 gallons/foot) + (8.20 ft of annular water X .17 gallons/foot)] X 3 = 23.12 gallons to purged

PURGING Equipment Used: Stainless Steel / Geotech disposable pump

NOTES: Very poor yield

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0804	0.01	7.10	77.1	693	>200		LEAD-DOWN IN CONC (PID > 10ppm
0816	4.01	7.60	78.4	656	146		[illegible]
0830	8.01	7.68	78.6	686	59.3		
0850	16.01	7.63	78.4	690	31.6		
0921	24.01	7.57	78.7	693	13.3		
0922	24.11	7.60	78.5	690	13.0		DUPLICATE Reading

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0940	7.60	78.5	690	47.2	16.0	GM122-07m	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): QA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-15-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282244

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-15-95 Job: Carswell AFB Site: GM122 PID READING @ WELL HEAD (ppm): 1

SAMPLE LOCATION ID

GM122-08m

DEPTH TO WATER (feet): 16.42

TOTAL DEPTH (feet): 25.30

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.88 ft of water in casing X .17 gallons/foot) + (8.88 ft of annular water X .77 gallons/foot)] X 3 = 25.04 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1004	0.01	7.70	75.6	1860	>200		Lt. Brown in color PID - 0ppm Set flow rate at 1gpm
1008	4.01	7.61	74.7	736	>200		
1012	CFS 8.01 ~~[illegible]~~	7.70	74.5	669	178		Clearing
1020	16.01	7.70	74.5	651	29.4		PID 0ppm
1028	26.01	7.73	74.6	638	23.6		
1029	26.11	7.73	74.4	643	23.8		Duplicate reading

SAMPLING Equipment Used: Dedicated PVC Bailer w/ teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1040	7.71	74.5	643	63.6	~~63.6~~ 16.61	GM122-08m	

WEATHER: Clear AIR TEMP (°F): 80°

SAMPLE ID FOR QC SAMPLE(s): GM122-08m MS, GM122-08m MSD

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-15-95
REVIEWED:			

282245

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-15-95 Job: Carswell AFB Site: Spill Lot PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

T7

DEPTH TO WATER (feet): 18.0

TOTAL DEPTH (feet): 22.85

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(4.85 ft of water in casing X .17 gallons/foot) + (4.85 ft of annular water X .77 gallons/foot)] X 3 = 13.18 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1350	0.01	7.70	77.5	630	>200		PID=0ppm Very turbid / producing FINE SAND
1402	4.01	7.36	74.5	590	>200		R. Brown to clear
1409	9.01	7.10	75.0	599	>200		very turbid
1413	13.01	7.17	74.9	610	>200		

SAMPLING Equipment Used: Dedicated PVC bailer w/ spout teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1420	7.21	74.6	619	>200	18.16	T7	continued to be very turbid and produce FINE SAND

WEATHER: Partly Cloudy AIR TEMP (°F): 90's

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

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	Chas. F. Smith	07-15-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282246

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-16-95 Job: Carswell AFB Site: _____ PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID

LF04-4F

DEPTH TO WATER (feet): 28.30

TOTAL DEPTH (feet): 37.09

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.79 ft of water in casing X .17 gallons/foot) + (8.79 ft of annular water X .27 gallons/foot)] X 3 = 24.29 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
0855	0.01	6.34	75.2	636	48.5		PID=0ppm Set flow rate at 1gpm
0859	4.01	6.75	73.1	624	2.40		
0903	8.01	6.88	72.7	625	.82		
0911	16.01	7.01	72.3	632	.12		
0919	24.01	6.93	71.9	643	.10		
0921	26.01	6.90	71.9	640	.10		
0922	26.11	6.89	71.9	640	.10		DUPLICATE READING

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
0930	6.87	71.5	645	.10	28.41	LF04-4F	

WEATHER: Clear AIR TEMP (°F): 70s

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-16-95
REVIEWED:			

More on back (circle one)? yes no

282247

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-15-95 Job: Carswell AFB Site: Bld 3340 PID READING @ WELL HEAD (ppm): 0

SAMPLE LOCATION ID: P3A

DEPTH TO WATER (feet): 11.58

TOTAL DEPTH (feet): 19.97

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.38 ft of water in casing X .17 gallons/foot) + (8.38 ft of annular water X .17 gallons/foot)] X 3 = 2.63 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1453	0.01	7.81	78.0	612	>200		R. Brown in color / PID: 0 ppm Set flow rate at 1gpm
1457	4.01	7.82	74.6	637	>200		
1501	8.01	7.88	74.5	643	>200		P.D. 1 ppm
1509	16.01	7.84	74.6	656	143		
1517	24.01	7.85	74.5	646	152		

SAMPLING Equipment Used: Dedicated PVC bailer w/ Speed teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1525	7.87	74.5	653	>200	11.77	P3A	

WEATHER: Partly Cloudy AIR TEMP (°F): 90's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	Chas F. Smith	07-15-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282248

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-15-95 Job: Carswell AFB Site: GM122 PID READING @ WELL HEAD (ppm): .2 ppm

SAMPLE LOCATION ID

GM122-04M

DEPTH TO WATER (feet): 19.23

TOTAL DEPTH (feet): 25.58

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(6.35 ft of water in casing X .17 gallons/foot) + (6.35 ft of annular water X .17 gallons/foot)] X 3 = 18.0 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1612	0.01	8.10	76.8	1032	47.9		PID Off-scale
1615	3.01	6.99	74.8	1064	9.0		
1618	6.01	7.25	74.6	1098	4.2		
1624	12.01	7.20	74.2	1096	2.0		
1632	18.01	7.14	74.7	1092	1.0		
1633	18.11	7.21	74.6	1094	1.0		DUPLICATE READING

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

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	7.21	74.5	1099	1.0	19.40	GM122-04M	

WEATHER: Mostly Cloudy AIR TEMP (°F): 90's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F Smith	Chas F Smith	07-15-95
REVIEWED:			

More on back (circle one)? yes no

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282249

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-16-95 Job: Carswell AFB Site: SWMU-22 PID READING @ WELL HEAD (ppm): 0.8

SAMPLE LOCATION ID

LF04-4E

DEPTH TO WATER (feet): 22.82

TOTAL DEPTH (feet): 30.46

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(7.64 ft of water in casing X .17 gallons/foot) + (7.64 ft of annular water X .77 gallons/foot)] X 3 = 8.55 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1043	0.01	6.11	73.6	627	61.0		
1047	3.51	6.08	71.4	617	24.3		
1050	8.01	6.73	71.7	686	3.3		
1055	15.01	6.86	72.0	687	2.0		
1102	22.01	6.91	72.1	688	1.1		

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1110	6.94	72.2	688	19	23.03	LF04-4E	

WEATHER: Clear AIR TEMP (°F): 80°F

SAMPLE ID FOR QC SAMPLE(s): LF04-4E MS, LF04-4E MSD

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-16-95
REVIEWED:			

More on back (circle one)? yes no

282250

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

FIELD GROUND-WATER SAMPLING REPORT

Date: 07 16 95 Job: Carswell AFB Site: SWMU-22 PID READING @ WELL HEAD (ppm): Copper

SAMPLE LOCATION ID

LF04-4D

DEPTH TO WATER (feet): 19.50

TOTAL DEPTH (feet): 27.60

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(8.10 ft of water in casing X .17 gallons/foot) + (8.10 ft of annular water X .77 gallons/foot)] X 3 = 22.07 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1127	0.01	8.59	76.9	781	61.0		
1132	7.01	8.65	77.9	767	52.5		
1138	15.01	7.85	73.0	778	2.9		
1144	23.01	7.95	73.4	769	1.5		
1145	23.1	7.90	73.1	770	1.9		DUPLICATE READING

SAMPLING Equipment Used: Dedicated PVC Bailer w/ Teflon leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1150	7.90	73.0	773	1.0	19.98	LF04-4D	

WEATHER: Clear AIR TEMP (°F): 80's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-16-95
REVIEWED:			

More on back (circle one)? yes no

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282251

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-16-95 Job: Carswell AFB Site: GM102 PID READING @ WELL HEAD (ppm): 5

SAMPLE LOCATION ID

GM104-01m

DEPTH TO WATER (feet): 18.48

TOTAL DEPTH (feet): 34.22

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(15.24 ft of water in casing X .17 gallons/foot) + (15.24 ft of annular water X .77 gallons/foot)] X 3 = 430 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1302	0.01	7.11	74.3	810	193		PID = 0 ppm Set flow rate at approx 20 ppm very good yield
1305	7.01	7.35	71.6	846	72.5		Clearing
1306 ~~1310~~	14.01	7.80	71.2	793	47		PID = 0 ppm
1315 ~~1319~~ ~~1320~~	28.01	7.81	71.7	794	20.3		
1322 ~~1326~~	43.01	7.88	72.6	778	4.5		

SAMPLING Equipment Used: CFS? ~~FDUP1~~ Dedicated PVC bailer w/ Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1335	7.82	71.9	789	3.2	19.21	GM104-01m	

WEATHER: Partly Cloudy AIR TEMP (°F): 90°s

SAMPLE ID FOR QC SAMPLE(s): FDUP1

	NAME	SIGNATURE	DATE
PREPARED:	Charles E Smith	[signature]	07-16-95
REVIEWED:			

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282252

FIELD GROUND-WATER SAMPLING REPORT

Date: 07-16-95 Job: Carswell AFB Site: GM122 PID READING @ WELL HEAD (ppm): 2.0

SAMPLE LOCATION ID: GM122-03M

DEPTH TO WATER (feet): 20.34

TOTAL DEPTH (feet): 34.90

INSIDE DIAMETER of WELL (inches): 2

PURGE VOLUME CALCULATION: [(14.56 ft of water in casing X .17 gallons/foot) + (14.56 ft of annular water X .72 gallons/foot)] X 3 = 41. gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)		OBSERVATIONS
1421	0.01	7.57	76.7	1086	>200		Gray in color/PID = upper very turbid
1426	7.01	8.70	73.2	1062	72.5		Clearing/making fine sand
1431	14.01	8.72	72.6	1047	28.2		calibrate Hydac to PH-10 (slope)
1440	28.01	8.64	72.4	1032	5.		
1449	42.01	8.68	72.6	1060	10.1		
1450	42.11	8.69	72.6	1062	8.9		Duplicate reading

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBIDITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1500	8.60	72.6	1051	8.0	20.38	GM122-03M	

WEATHER: Mostly Cloudy AIR TEMP (°F): 90's

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-16-95
REVIEWED:			

282253

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FIELD GROUND-WATER SAMPLING REPORT

Date: 07-16-95 Job: Carswell AFB Site: Bld-1628 PID READING @ WELL HEAD (ppm): 52

SAMPLE LOCATION ID: LSA1628-1

DEPTH TO WATER (feet): 9.64

TOTAL DEPTH (feet): 19.0

INSIDE DIAMETER of WELL (inches): ~~2~~ 4

PURGE VOLUME CALCULATION: [(9.36 ft of water in casing X .66 gallons/foot) + (9.36 ft of annular water X .04 gallons/foot)] X 3 = 47.74 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos Submersible pump

NOTES: Depth to product = 9.54' TOC

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)		OBSERVATIONS
1522	0.01	9.35	73.0	845	60.3		Flow rate approx 3gpm Hydrocarbon odor
1524	7.01	9.25	74.3	631	59.5		Well going dry/will allow to
1530	15.01	8.25	78.2	868	64.2		recharge/pumped some product. 1556 continue purging at 1gpm
1556/1609	30.01	9.14	76.7	938	18.3		
1629	48.01	9.21	76.0	921	6.3		

SAMPLING Equipment Used: Dedicated PVC bailer w/ Teflon Leader

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1640	9.26	76.3	933	6.0	10.57	LSA1628-1	

WEATHER: Mostly Cloudy AIR TEMP (°F): 90°

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	Charles F. Smith	[signature]	07-16-95
REVIEWED:			

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

282254

FIELD GROUND-WATER SAMPLING REPORT

Date: 7-16-95 Job: Carswell AFB Site: LSA1628 PID READING @ WELL HEAD (ppm): 0ppm

SAMPLE LOCATION ID

LSA1628-3

DEPTH TO WATER (feet): 9.55'

TOTAL DEPTH (feet): 17.83

INSIDE DIAMETER of WELL (inches): 4"

PURGE VOLUME CALCULATION: [(8.28 ft of water in casing X .64 gallons/foot) + (8.28 ft of annular water X 1.04 gallons/foot)] X 3 = 43 gallons to purged

PURGING Equipment Used: Stainless Steel Grundfos submersible pump

NOTES:

TIME (24 hr)	AMOUNT PURGED (gals)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	H2S time/ppm	OBSERVATIONS
1650	0.0	9.40	76.9	1316	12.0	1650/0	clear
1706	14.5	9.38	76.6	1280	6.37		"
1717	29	8.78	75.7	1265	4.03	1717/0	"
1728	43	8.68	75.7	1242	3.53		"
1730	43	8.69	75.8	1240	3.49		Duplicate reading

SAMPLING Equipment Used:

TIME (24 hr)	pH (units)	TEMP (°F)	COND. (µmhos /cm)	TURBI-DITY (NTUs)	DEPTH TO WATER	SAMPLE ID	OBSERVATIONS
1735	8.65	75.6	1246	3.14	9.89	LSA1628-3	

WEATHER: P. cloudy / light breeze AIR TEMP (°F): 90's ↑

SAMPLE ID FOR QC SAMPLE(s): NA

	NAME	SIGNATURE	DATE
PREPARED:	C. Stubblefield	C. Stubblefield	7-16-95
REVIEWED:			

282255

TAB

APPENDIX F

282256

APPENDIX F

FIRST AND SECOND QUARTER POSITIVE HITS TABLE

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 13-APR-95	LF01-1A 13-JUL-95	LF01-1C 13-APR-95	LF01-1C 14-JUL-95	LF01-1D 13-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		2100 JB	<500	<500	<500	1100 JB
Barium	2000		140 J	131	180	134	64 J
Calcium	NA		140000 J	136000	160000	154000	180000 J
Iron	NA		7900 J	6740	2100	11200	3400 J
Magnesium	NA		6800 J	6630	13000	9260	9700 J
Manganese	NA		420 J	452	670	1410	430 J
Molybdenum	NA		<50 J	<50.0	<50	<50.0	<50 J
Nickel	100		<50 J	<50.0	<50	<50.0	<50 J
Potassium	NA		2000 J	1300	<600	<600	2900 J
Sodium	NA		25000 J	23700	8800	26800	25000 J
Vanadium	NA		<50 J	<50.0	<50	<50.0	<50 J
Zinc	NA		11 J	<10.0	<10	<10.0	<10 J
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0 J	<5.00	5.3	23.6	<5.0 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.0 J	<5.00	<5.0	<5.00	<5.0 J
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	2		<0.50 J	<0.500	<0.50	<0.500	<0.50 J
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Carbon disulfide	10200		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Trichloroethene	5		-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		<0.50	<0.500	<0.50	<0.500	<0.50
Benzene	5		<0.50	<0.500	<0.50	<0.500	<0.50
Chlorobenzene	100		<0.50	<0.500	<0.50	<0.500	<0.50
Chloroform	100		<0.50	<0.500	<0.50	<0.500	<0.50
Methylene chloride	5		2.2 JB	<2.00	2.1 JB	<2.00	1.9 JB
Tetrachloroethene	5		<0.50	<0.500	<0.50	<0.500	<0.50
Trichloroethene	5		<0.50	<0.500	<0.50	<0.500	<0.50
Vinyl chloride	2		<2.0	<2.00	<2.0	<2.00	<2.0
cis-1,2-Dichloroethene	70		<0.50	<0.500	<0.50	<0.500	<0.50
trans-1,2-Dichloroethene	100		<0.50	<0.500	<0.50	<0.500	<0.50
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3510 (ug/L)							
1,4-Dichlorobenzene	75		<11	<10.0	<13	<10.2	<11
2-Methylnaphthalene	NA		<11	<10.0	<13	4.56 JQ	<11
4-Methylphenol	NA		<11	<10.0	<13	<10.2	<11
Acenaphthene	6130		<11	<10.0	<13	3.54 JQ	<11
Butyl benzyl phthalate	NA		<11	<10.0	<13	4.77 JQ	<11

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	LF01-1A	LF01-1A	LF01-1C	LF01-1C	LF01-1D
		Sample Date :	13-APR-95	13-JUL-95	13-APR-95	14-JUL-95	13-APR-95
		Notes:					
Di-n-butylphthalate	10200		0.90 JQ	0.881 JQ	<13	<10.2	<11
Diethylphthalate	81800		<11	<10.0	<13	<10.2	<11
Fluorene	4090		<11	<10.0	<13	0.384 JQ	<11
Naphthalene	4090		<11	<10.0	<13	0.872 JQ	<11
Phenanthrene	NA		<11	<10.0	<13	2.34 JQ	<11
Phenol	61300		<11	7.81 J	<13	<10.2	<11
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.0	<13	<10.2	<11

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282258

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LF01-1D 14-JUL-95	LF01-1E 13-APR-95	LF01-1E 14-JUL-95	LF04-4A 07-APR-95	LF04-4A 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		920	650 JB	1600	1100	2030
Barium	2000		99.0	110	295	100	94.0
Calcium	NA		219000	120000	114000	110000	106000
Iron	NA		4540	500 J	2140	1200	2390
Magnesium	NA		11500	7200	8150	4700	<250
Manganese	NA		633	3100	7340 J	110	4670
Molybdenum	NA		<50.0	<50	<50.0	<50	565
Nickel	100		<50.0	<50	<50.0	420	<50.0
Potassium	NA		3070	<600	<600	1100	1190
Sodium	NA		26100	18000	16600	33000	31600
Vanadium	NA		<50.0	<50	<50.0	<50	<50.0
Zinc	NA		<10.0	<10	<10.0	<10	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		15.1	<5.0	<5.00	<25	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	15		<5.00	<5.0	<5.00	<5.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	2		<0.500	<0.50	<0.500	<0.50	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Carbon disulfide	10200		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Trichloroethene	5		-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1-Dichloroethane	10200		<0.500	<0.50	<0.500	<0.50	<0.500
Benzene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Chlorobenzene	100		<0.500	<0.50	<0.500	<0.50	<0.500
Chloroform	100		<0.500	<0.50	<0.500	0.27 JQ	<0.500
Methylene chloride	5		<2.00	1.8 JB	<2.00	1.6 JB	<2.00
Tetrachloroethene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Trichloroethene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Vinyl chloride	2		<2.00	<2.0	<2.00	<2.0	<2.00
cis-1,2-Dichloroethene	70		<0.500	<0.50	<0.500	<0.50	<0.500
trans-1,2-Dichloroethene	100		<0.500	<0.50	<0.500	<0.50	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,4-Dichlorobenzene	75		<10.0	<11	<10.0	<10	<10.8
2-Methylnaphthalene	NA		<10.0	<11	<10.0	<10	<10.8
4-Methylphenol	NA		<10.0	<11	<10.0	<10	<10.8
Acenaphthene	6130		<10.0	<11	<10.0	<10	<10.8
Butyl benzyl phthalate	NA		8.13 JQ	<11	7.76 JQ	<10	2.63 JQ

282259

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LF01-1D 14-JUL-95	LF01-1E 13-APR-95	LF01-1E 14-JUL-95	LF04-4A 07-APR-95	LF04-4A 16-JUL-95
Di-n-butylphthalate	10200		1.93 JH	<11	0.956 JH	<10	<10.8
Diethylphthalate	81800		<10.0	<11	<10.0	<10	<10.8
Fluorene	4090		<10.0	<11	<10.0	<10	<10.8
Naphthalene	4090		<10.0	<11	<10.0	<10	<10.8
Phenanthrene	NA		<10.0	<11	<10.0	<10	<10.8
Phenol	61300		3.32 JQ	<11	<10.0	<10	<10.8
bis(2-Ethylhexyl)phthalate	20.4		<10.0	<11	<10.0	<10	<10.8

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282260

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 07-APR-95	LF04-4B 16-JUL-95	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4D 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		3700	<500	<500	-	<500
Barium	2000		120	126	290	-	172
Calcium	NA		140000	124000	280000	-	148000
Iron	NA		4700	154	20000	-	308
Magnesium	NA		6300	6390	9100	-	8440
Manganese	NA		400	109	3600	-	1600
Molybdenum	NA		<50	<50.0	<50	-	<50.0
Nickel	100		<50	<50.0	<50	-	<50.0
Potassium	NA		4300	1330	3100	-	1860
Sodium	NA		36000	38700	23000	-	25400
Vanadium	NA		<50	<50.0	56	-	<50.0
Zinc	NA		10	<10.0	21	-	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0	<5.00	<5.0	-	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.0	<5.00	12	-	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	2		<0.50	<0.500	<0.50	-	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Carbon disulfide	10200		-	-	<50	-	<50.0
Methylene chloride	5		-	-	85	-	26.7 JQ
Trichloroethene	5		-	-	1100	-	1100
cis-1,2-Dichloroethene	70		-	-	390	-	370
trans-1,2-Dichloroethene	100		-	-	17 JQ	-	21.2 JQ
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		<0.50	<0.500	-	-	-
Benzene	5		<0.50	<0.500	-	-	-
Chlorobenzene	100		<0.50	<0.500	-	-	-
Chloroform	100		<0.50	<0.500	-	-	-
Methylene chloride	5		<2.0	<2.00	-	-	-
Tetrachloroethene	5		<0.50	<0.500	-	-	-
Trichloroethene	5		<0.50	<0.500	-	-	-
Vinyl chloride	2		<2.0	<2.00	-	-	-
cis-1,2-Dichloroethene	70		<0.50	<0.500	-	-	-
trans-1,2-Dichloroethene	100		<0.50	<0.500	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<11	<10.0	<10	<10	<10.0
2-Methylnaphthalene	NA		<11	<10.0	<10	<10	<10.0
4-Methylphenol	NA		<11	<10.0	<10 J	<10	<10.0
Acenaphthene	6130		<11	<10.0	<10	<10	<10.0
Butyl benzyl phthalate	NA		<11	<10.0	<10	<10	39.5

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 07-APR-95	LF04-4B 16-JUL-95	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4D 16-JUL-95
Di-n-butylphthalate	10200		<11	<10.0	<10	<10	0.711 JQ
Diethylphthalate	81800		<11	<10.0	<10	<10	<10.0
Fluorene	4090		<11	<10.0	<10	<10	<10.0
Naphthalene	4090		<11	<10.0	<10	<10	<10.0
Phenanthrene	NA		<11	<10.0	<10	<10	<10.0
Phenol	61300		<11	<10.0	<10	<10	<10.0
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.0	<10	<10	<10.0

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

R22652

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF05-5C 12-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		6200 J	<500	1900	<500	2300
Barium	2000		170	79.0	76	81.0	260
Calcium	NA		200000	135000	170000	141000	140000
Iron	NA		11000	156	4500	65.0	5700
Magnesium	NA		6900	5660	5800	5950	8200
Manganese	NA		1200	122	110	98.0	820
Molybdenum	NA		<50	<50.0	<50	<50.0	<50
Nickel	100		<50	<50.0	<50	<50.0	<50
Potassium	NA		3900	1180	1800	1200	2000
Sodium	NA		22000	20900	18000	19600	22000
Vanadium	NA		<50	<50.0	<50	<50.0	<50
Zinc	NA		20	<10.0	12	12.0	10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		<25 JL	<5.00	<5.0	<5.00	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	15		8.0	<5.00	<5.0	<5.00	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	2		1.6 JL	<0.500	<0.50	<0.500	<0.50
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Carbon disulfide	10200		<50	<50.0	<100	<50.0	<50
Methylene chloride	5		33 JB	129	120	26.0 JQ	54 JB
Trichloroethene	5		1500	1630	1600	1150	820
cis-1,2-Dichloroethene	70		370	354	340	247	200
trans-1,2-Dichloroethene	100		18 JQ	22.9 JQ	19 JQ	17.2 JQ	17 JQ
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1-Dichloroethane	10200		-	-	-	-	-
Benzene	5		-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-
Chloroform	100		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Tetrachloroethene	5		-	-	-	-	-
Trichloroethene	5		-	-	-	-	-
Vinyl chloride	2		-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,4-Dichlorobenzene	75		<11	<10.0	<10	<10.3	<12
2-Methylnaphthalene	NA		<11	<10.0	<10	<10.3	<12
4-Methylphenol	NA		<11	<10.0	<10	<10.3	<12
Acenaphthene	6130		<11	<10.0	<10	<10.3	<12
Butyl benzyl phthalate	NA		<11	43.2	<10	33.7	<12

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	LF04-4E 06-APR-95	LF04-4E 16-JUL-95	LF04-4F 06-APR-95	LF04-4F 16-JUL-95	LF05-5C 12-APR-95
Di-n-butylphthalate	10200		0.75 JB	0.525 JQ	<10	<10.3	<12
Diethylphthalate	81800		<11	<10.0	<10	<10.3	<12
Fluorene	4090		<11	<10.0	<10	<10.3	<12
Naphthalene	4090		<11	<10.0	<10	<10.3	<12
Phenanthrene	NA		<11	<10.0	<10	<10.3	<12
Phenol	61300		<11 JL	<10.0	<10	<10.3	<12
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.0	<10	<10.3	<12

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LF05-5C 12-APR-95 Reanalysis of LF05-5C	LF05-5C 13-JUL-95	LF05-5D 12-APR-95	LF05-5D 13-JUL-95	LF05-5G 13-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		-	<500	720	1370	15000 J
Barium	2000		-	392	280	291	200 J
Calcium	NA		-	153000	190000	191000	350000 J
Iron	NA		-	11800	12000	17800	19000 J
Magnesium	NA		-	11600	14000	13500	17000 J
Manganese	NA		-	1250	1400	2180	580 J
Molybdenum	NA		-	<50.0	<50	<50.0	<50 J
Nickel	100		-	<50.0	<50	<50.0	<50 J
Potassium	NA		-	1770	5700	5810	5200 J
Sodium	NA		-	27000	17000	15000	44000 J
Vanadium	NA		-	<50.0	<50	<50.0	<50 J
Zinc	NA		-	<10.0	<10	<10.0	49 J
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		-	22.0	17	34.6	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		-	<5.00	<5.0	<5.00	10 J
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury	2		-	<0.500	<0.50	<0.500	<0.50
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Carbon disulfide	10200		-	<50.0	-	-	<50
Methylene chloride	5		-	<50.0	-	-	<50
Trichloroethene	5		-	628	-	-	930
cis-1,2-Dichloroethene	70		-	193	-	-	300
trans-1,2-Dichloroethene	100		-	17.4 JQ	-	-	17 JQ
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		-	-	<0.50	<0.500	-
Benzene	5		-	-	0.38 JQ	0.450 JQ	-
Chlorobenzene	100		-	-	3.1	4.57	-
Chloroform	100		-	-	<0.50	<0.500	-
Methylene chloride	5		-	-	1.6 JB	<2.00	-
Tetrachloroethene	5		-	-	<0.50	<0.500	-
Trichloroethene	5		-	-	8.4	45.9	-
Vinyl chloride	2		-	-	3.2	2.65	-
cis-1,2-Dichloroethene	70		-	-	14	23.4	-
trans-1,2-Dichloroethene	100		-	-	6.4	5.21	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<12	6.19 JQ	<11	2.15 JQ	<11
2-Methylnaphthalene	NA		<12	<10.5	<11	<10.0	<11
4-Methylphenol	NA		<12	<10.5	<11	<10.0	<11
Acenaphthene	6130		<12	2.36 JQ	<11	<10.0	<11
Butyl benzyl phthalate	NA		<12	7.88 JQ	<11	12.6	<11

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	LF05-5C	LF05-5C	LF05-5D	LF05-5D	LF05-5G
		Sample Date :	12-APR-95	13-JUL-95	12-APR-95	13-JUL-95	13-APR-95
		Notes:	Reanalysis of LF05-5C				
Di-n-butylphthalate	10200		<12	0.946 JQ	<11	0.728 JQ	<11
Diethylphthalate	81800		<12	1.56 JQ	<11	<10.0	<11
Fluorene	4090		<12	<10.5	<11	<10.0	<11
Naphthalene	4090		<12	<10.5	<11	<10.0	<11
Phenanthrene	NA		<12	<10.5	<11	<10.0	<11
Phenol	61300		<12	<10.5	<11	<10.0	<11
bis(2-Ethylhexyl)phthalate	20.4		<12	<10.5	<11	6.71 JQ	<11

Data Qualification Flags/Notes:
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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 are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 12-JUL-95	FT08-11A 12-APR-95	FT08-11A 14-JUL-95	FT08-11B 12-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)						
Aluminum	NA		721	1800	2720	960 J
Barium	2000		150	90	120	150 J
Calcium	NA		153000	120000	137000	170000 J
Iron	NA		1020	1800	2720	6100 J
Magnesium	NA		14100	6600	7280	9500 J
Manganese	NA		140	79	160	1500 J
Molybdenum	NA		<50.0	<50	<50.0	<50 J
Nickel	100		<50.0	<50	<50.0	<50 J
Potassium	NA		1580	2200	1850	1300 J
Sodium	NA		111000	43000	19700	61000 J
Vanadium	NA		<50.0	<50	<50.0	<50 J
Zinc	NA		<10.0	<10	<10.0	<10 J
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)						
Arsenic	50		<5.00	<5.0	<5.00	7.3 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)						
Lead	15		<5.00	<5.0	<5.00	<5.0 J
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)						
Mercury	2		<0.500	<0.50	<0.500	<0.50 J
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)						
Carbon disulfide	10200		5.10 JQ	-	-	<5.0
Methylene chloride	5		108	-	-	9.4 JB
Trichloroethene	5		602	-	-	150
cis-1,2-Dichloroethene	70		200	-	-	110
trans-1,2-Dichloroethene	100		13.7 JQ	-	-	12
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)						
1,1-Dichloroethane	10200		-	<0.50	<0.500	-
Benzene	5		-	<0.50	<0.500	-
Chlorobenzene	100		-	<0.50	<0.500	-
Chloroform	100		-	<0.50	<0.500	-
Methylene chloride	5		-	1.8 JB	3.63 JB	-
Tetrachloroethene	5		-	<0.50	<0.500	-
Trichloroethene	5		-	1.3	1.36	-
Vinyl chloride	2		-	<2.0	<2.00	-
cis-1,2-Dichloroethene	70		-	1.9	1.62	-
trans-1,2-Dichloroethene	100		-	<0.50	<0.500	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)						
1,4-Dichlorobenzene	75		<10.2	<12	<10.4	<11
2-Methylnaphthalene	NA		<10.2	<12	<10.4	<11
4-Methylphenol	NA		<10.2	<12	<10.4	<11
Acenaphthene	6130		1.63 JQ	<12	<10.4	<11
Butyl benzyl phthalate	NA		2.86 JQ	<12	3.78 JQ	<11

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 12-JUL-95	FT08-11A 12-APR-95	FT08-11A 14-JUL-95	FT08-11B 12-APR-95
Di-n-butylphthalate	10200		<10.2	<12	0.621 JH	<11
Diethylphthalate	81800		<10.2	<12	<10.4	<11
Fluorene	4090		<10.2	<12	<10.4	<11
Naphthalene	4090		<10.2	<12	<10.4	<11
Phenanthrene	NA		<10.2	<12	<10.4	<11
Phenol	61300		<10.2	<12	<10.4	<11
bis(2-Ethylhexyl)phthalate	20.4		<10.2	<12	<10.4	<11

Data Qualification Flags/Notes:
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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 are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	FT08-11B 12-APR-95 Reanalysis of FT08-11B	FT08-11B 14-JUL-95	FT09-12A 12-APR-95	FT09-12A 13-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		-	<500	3000	4660
Barium	2000		-	149	120	131
Calcium	NA		-	134000	140000	148000
Iron	NA		-	22900	3500 J	4760
Magnesium	NA		-	10800	4400	4680
Manganese	NA		-	1190	86	135
Molybdenum	NA		-	<50.0	<50	<50.0
Nickel	100		-	<50.0	<50	<50.0
Potassium	NA		-	642	1400	1760
Sodium	NA		-	116000	15000	15000
Vanadium	NA		-	<50.0	<50	<50.0
Zinc	NA		-	<10.0	14	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		-	31.4	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	15		-	<5.00	<5.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	2		-	<0.500	<0.50	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Carbon disulfide	10200		-	-	-	-
Methylene chloride	5		-	-	-	-
Trichloroethene	5		-	-	-	-
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	<0.50	<0.500
Benzene	5		-	<0.500	<0.50	<0.500
Chlorobenzene	100		-	<0.500	<0.50	<0.500
Chloroform	100		-	<0.500	<0.50	<0.500
Methylene chloride	5		-	1.51 JB	2.2 JB	<2.00
Tetrachloroethene	5		-	<0.500	<0.50	<0.500
Trichloroethene	5		-	17.7	<0.50	<0.500
Vinyl chloride	2		-	<2.00	<2.0	<2.00
cis-1,2-Dichloroethene	70		-	13.6	<0.50	<0.500
trans-1,2-Dichloroethene	100		-	1.45	<0.50	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,4-Dichlorobenzene	75		<11	<10.0	<12	<10.0
2-Methylnaphthalene	NA		<11	<10.0	<12	<10.0
4-Methylphenol	NA		<11	<10.0	<12	<10.0
Acenaphthene	6130		<11	<10.0	<12	<10.0
Butyl benzyl phthalate	NA		<11 J	17.6	<12	7.52 JQ

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	FT08-11B	FT08-11B	FT09-12A	FT09-12A
		Sample Date :	12-APR-95	14-JUL-95	12-APR-95	13-JUL-95
		Notes:	Reanalysis of FT08-11B			
Di-n-butylphthalate	10200		<11	1.40 JH	<12	0.955 JQ
Diethylphthalate	81800		<11	<10.0	<12	<10.0
Fluorene	4090		<11	<10.0	<12	<10.0
Naphthalene	4090		<11	<10.0	<12	<10.0
Phenanthrene	NA		<11	<10.0	<12	<10.0
Phenol	61300		<11	<10.0	<12	<10.0
bis(2-Ethylhexyl)phthalate	20.4		<11 J	<10.0	<12	6.92 JQ

Data Qualification Flags/Notes:
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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 are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12C 12-APR-95	FT09-12C 12-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		<500	<500	1300	4700
Barium	2000		140	139	160	181
Calcium	NA		140000	143000	170000	238000
Iron	NA		1200 JH	2890	4100	11400
Magnesium	NA		4900	4970	6600	8090
Manganese	NA		630 JH	867	3000	3150
Molybdenum	NA		<50	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50	<50.0
Potassium	NA		<600	<600	800	1790
Sodium	NA		21000	21700	24000	23300
Vanadium	NA		<50	<50.0	<50	<50.0
Zinc	NA		<10	<10.0	<10	17.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		<5.0	10.4	6.8	12.1
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	15		<5.0	<5.00	<5.0	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury	2		<0.50	<0.500	<0.50	<0.500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Carbon disulfide	10200		-	-	-	-
Methylene chloride	5		-	-	-	-
Trichloroethene	5		-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
1,1-Dichloroethane	10200		<0.50	<0.500	0.84	0.731
Benzene	5		0.37 JQ	0.281 JQ	1.2	1.35
Chlorobenzene	100		<0.50	<0.500	<0.50	<0.500
Chloroform	100		<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		2.4 JB	<2.00	2.2 JB	<2.00
Tetrachloroethene	5		7.8	5.64 JH	0.44 JQ	0.436
Trichloroethene	5		14	18.4 JH	1.2	1.26
Vinyl chloride	2		<2.0	<2.00	5.6	5.60
cis-1,2-Dichloroethene	70		4.9	4.08	38	34.6
trans-1,2-Dichloroethene	100		0.45 JQ	0.436 JQ	<0.50	<0.500
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
1,4-Dichlorobenzene	75		<12	<10.8	<11	<10.2
2-Methylnaphthalene	NA		<12	<10.8	<11	<10.2
4-Methylphenol	NA		<12	<10.8	<11	7.74
Acenaphthene	6130		<12	<10.8	<11	<10.2
Butyl benzyl phthalate	NA		<12	3.60 JQ	<11	3.72

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	FT09-12B 12-APR-95	FT09-12B 12-JUL-95	FT09-12C 12-APR-95	FT09-12C 12-JUL-95
Di-n-butylphthalate	10200		<12	<10.8	<11	<10.2
Diethylphthalate	81800		<12	<10.8	<11	<10.2
Fluorene	4090		<12	<10.8	<11	<10.2
Naphthalene	4090		<12	<10.8	<11	<10.2
Phenanthrene	NA		<12	<10.8	<11	<10.2
Phenol	61300		<12	<10.8	<11	3.74 JQ
bis(2-Ethylhexyl)phthalate	20.4		<12	<10.8	<11	<10.2

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282272

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 10-APR-95	ST14-01 13-JUL-95	ST14-02 10-APR-95	ST14-02 13-JUL-95	ST14-03 13-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		7300	5990	<500	8460	9200
Barium	2000		250	270	180	183	180
Beryllium	4		<3.0	<3.00	<3.0	<3.00	<3.0
Cadmium	5		<10	<10.0	<10	<10.0	<10
Calcium	NA		180000	186000	230000	231000	180000
Chromium	100		<50	283	<50	<50.0	<50
Cobalt	NA		<50	<50.0	<50	<50.0	<50
Copper	NA		<50	<50.0	<50	<50.0	<50
Iron	NA		20000	31400	33000	34000	14000
Magnesium	NA		8500	8700	8700	8660	8200
Manganese	NA		460	402	560	619	400
Molybdenum	NA		<50	<50.0	26000	<50.0	<50
Nickel	100		<50	202	<50	<50.0	<50
Potassium	NA		3900	3760	4000	3630	3000
Sodium	NA		20000	20300	<250	24900	27000
Vanadium	NA		<50	<50.0	<50	61.0	<50
Zinc	NA		36	20.0	74	63.0	55
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		16	40.1	<5.0	<5.00	7.3
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	15		20	12.6	33	29.7	9.1
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury							
SELENIUM, TOTAL BY GFAA/SW 7740 (µg/L)							
Selenium	50		<5.0	<5.00	<5.0	<5.00	<5.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Toluene	1000		-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
Benzene	5		<0.50	<0.500	6.3	26.0	-
Ethylbenzene	700		<0.50	<0.500	<0.50	<0.500	-
Methylene chloride	5		1.7 JB	<2.00	3.0 JB	1.44 JB	-
Tetrachloroethene	5		<0.50	<0.500	<0.50	<0.500	-
Toluene	1000		<0.50	<0.500	<0.50	<0.500	-
Trichloroethene	5		<0.50	<0.500	<0.50	<0.500	-
Vinyl chloride	2.0		<2.0	<2.00	<2.0	<2.00	-
Xylenes (total)	10000		<1.0	<1.00	<1.0	<1.00	-
cis-1,2-Dichloroethene	70		<0.50	<0.500	<0.50	<0.500	-

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	ST14-01	ST14-01	ST14-02	ST14-02	ST14-03
		Sample Date :	10-APR-95	13-JUL-95	10-APR-95	13-JUL-95	13-APR-95
		Notes:					
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<11	<10.8	<12	1.55 JQ	<10
Acenaphthene	6130		<11	<10.8	<12	<10.4	<10
Acenaphthylene	NA		<11	<10.8	<12	<10.4	<10
Benzo(a)pyrene	NA		<11	<10.8	<12	<10.4	<10 J
Butyl benzyl phthalate	NA		<11	18.2	<12	17.5	<10
Chrysene	NA		<11	<10.8	<12	<10.4	<10
Di-n-butylphthalate	10200		<11	0.632 JB	<12	0.619 JB	<10
Dibenzofuran	NA		<11	<10.8	<12	<10.4	<10
Fluorene	4090		<11	<10.8	<12	<10.4	<10
Naphthalene	4090		<11	<10.8	<12	<10.4	<10
Phenol	61300		<11	<10.8	<12	<10.4	<10
Pyrene	3070		<11	<10.8	<12	9.78 JQ	<10
bis(2-Ethylhexyl)phthalate	20.4		4.9 JQ	<10.8	<12	3.99 JB	<10

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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
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[ ] Results in boxes are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-03 / 13-APR-95 / Reanalysis of ST14-03	ST14-03 / 13-JUL-95	ST14-04 / 10-APR-95	ST14-04 / 12-JUL-95	ST14-W05 / 09-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		-	8000	57000	17800	6500
Barium	2000		-	159	710	332	220
Beryllium	4		-	<3.00	7.0	<3.00	<3.0
Cadmium	5		-	<10.0	22	<10.0	<10
Calcium	NA		-	200000	1200000	421000	230000
Chromium	100		-	<50.0	140	<50.0	<50
Cobalt	NA		-	<50.0	77	<50.0	<50
Copper	NA		-	<50.0	130	<50.0	<50
Iron	NA		-	14400	150000	43500	8200
Magnesium	NA		-	7990	22000	11000	9500
Manganese	NA		-	471	1300	600	1200
Molybdenum	NA		-	<50.0	<50	<50.0	<50
Nickel	100		-	<50.0	170	<50.0	<50
Potassium	NA		-	2700	11000	4460	5900
Sodium	NA		-	25200	25000	25600	20000
Vanadium	NA		-	<50.0	330	87.0	<50
Zinc	NA		-	34.0	420	117	21
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		-	9.63	17	32.3	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		-	9.99	150	40.8	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury							
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		-	<5.00	<5.0	5.23	<5.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Toluene	1000		-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		-	<0.500	<2.0	<2.50	<0.50
Ethylbenzene	700		-	<0.500	<2.0	<2.50	<0.50
Methylene chloride	5		-	<2.00	8.4 JB	9.70 JB	<2.0
Tetrachloroethene	5		-	<0.500	<2.0	<2.50	<0.50
Toluene	1000		-	<0.500	<2.0	<2.50	<0.50
Trichloroethene	5		-	<0.500	<2.0	<2.50	<0.50
Vinyl chloride	2.0		-	<2.00	<8.0	<10.0	<2.0
Xylenes (total)	10000		-	<1.00	<4.0	<5.00	<1.0
cis-1,2-Dichloroethene	70		-	<0.500	<2.0	<2.50	<0.50

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	ST14-03	ST14-03	ST14-04	ST14-04	ST14-W05
		Sample Date :	13-APR-95	13-JUL-95	10-APR-95	12-JUL-95	09-APR-95
		Notes:	Reanalysis of ST14-03				
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<10	<10.3	23 JQ	18.8	<11
Acenaphthene	6130		<10	<10.3	<52	2.02 JQ	<11
Acenaphthylene	NA		<10	<10.3	<52	<10.3	<11
Benzo(a)pyrene	NA		<10 J	<10.3	<52	<10.3	<11
Butyl benzyl phthalate	NA		<10	9.60 JQ	<52	12.3	<11
Chrysene	NA		<10	<10.3	<52	<10.3	<11
Di-n-butylphthalate	10200		<10	<10.3	<52	<10.3	0.93 JQ
Dibenzofuran	NA		<10	<10.3	<52	2.43 JQ	<11
Fluorene	4090		<10	<10.3	<52	0.732 JQ	<11
Naphthalene	4090		<10	<10.3	7.1 JQ	2.44 JQ	<11
Phenol	61300		<10	<10.3	<52	22.1	<11
Pyrene	3070		<10	<10.3	<52	<10.3	<11
bis(2-Ethylhexyl)phthalate	20.4		<10	4.17 JQ	<52	<10.3	<11

Data Qualification Flags/Notes:
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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	ST14-W05 13-JUL-95	ST14-W06 09-APR-95	ST14-W06 13-JUL-95	ST14-W07 09-APR-95	ST14-W07 13-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		8650	1600	<500	14000	<500
Barium	2000		291	190	204	210	121
Beryllium	4		<3.00	<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10.0	<10	<10.0	<10	<10.0
Calcium	NA		304000	190000	115000	360000	117000
Chromium	100		<50.0	<50	<50.0	<50	<50.0
Cobalt	NA		<50.0	<50	<50.0	<50	<50.0
Copper	NA		<50.0	<50	<50.0	<50	<50.0
Iron	NA		15700	1500	271	12000	<50.0
Magnesium	NA		10600	7100	7520	12000	9190
Manganese	NA		1500	420	555	250	72.0
Molybdenum	NA		<50.0	<50	<50.0	<50	<50.0
Nickel	100		<50.0	<50	<50.0	<50	<50.0
Potassium	NA		6890	4700	5220	7400	5220
Sodium	NA		21200	19000	19600	20000	18900
Vanadium	NA		<50.0	<50	<50.0	<50	<50.0
Zinc	NA		14.0	11	<10.0	73	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		8.31	<5.0	<5.00	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.00	<5.0	<5.00	9.7	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury							
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.00	<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Toluene	1000		-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		<0.500	<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		<2.00	<2.0	<2.00	<2.0	<2.00
Tetrachloroethene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Toluene	1000		<0.500	<0.50	<0.500	<0.50	<0.500
Trichloroethene	5		0.574	<0.50	<0.500	<0.50	<0.500
Vinyl chloride	2.0		2.05	<2.0	<2.00	<2.0	<2.00
Xylenes (total)	10000		<1.00	<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		0.729	<0.50	<0.500	<0.50	0.267 JQ

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W05 / 13-JUL-95	ST14-W06 / 09-APR-95	ST14-W06 / 13-JUL-95	ST14-W07 / 09-APR-95	ST14-W07 / 13-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<10.4	<11	<10.3	<12	<10.0
Acenaphthene	6130		<10.4	<11	<10.3	<12	<10.0
Acenaphthylene	NA		<10.4	<11	<10.3	<12	<10.0
Benzo(a)pyrene	NA		<10.4	<11	<10.3	<12	<10.0
Butyl benzyl phthalate	NA		8.12 JQ	<11	27.6	<12	40.9
Chrysene	NA		<10.4	<11	<10.3	<12	<10.0
Di-n-butylphthalate	10200		0.569 JB	<11	1.68 JB	<12	0.921 JB
Dibenzofuran	NA		<10.4	<11	<10.3	<12	<10.0
Fluorene	4090		<10.4	<11	<10.3	<12	<10.0
Naphthalene	4090		<10.4	<11	<10.3	<12	<10.0
Phenol	61300		<10.4	<11	<10.3	<12	<10.0
Pyrene	3070		<10.4	<11	<10.3	<12	<10.0
bis(2-Ethylhexyl)phthalate	20.4		8.29 JB	<11	11.9 JB	<12	4.93 JB

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W11 10-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		43000	20800	32000	<500	6500
Barium	2000		280	191	360	111	140
Beryllium	4		4.0	<3.00	3.0	<3.00	<3.0
Cadmium	5		14	<10.0	12	<10.0	<10
Calcium	NA		410000	266000	560000	145000	260000
Chromium	100		74	<50.0	<50	<50.0	<50
Cobalt	NA		<50	<50.0	<50	<50.0	<50
Copper	NA		59	<50.0	<50	<50.0	<50
Iron	NA		55000	28900	28000	191	5800
Magnesium	NA		15000	11400	14000	7430	6400
Manganese	NA		1100	811	520	102	160
Molybdenum	NA		<50	<50.0	<50	<50.0	<50
Nickel	100		72	<50.0	<50	<50.0	<50
Potassium	NA		8600	4320	7700	1520	3200
Sodium	NA		27000	24600	17000	15100	22000
Vanadium	NA		190	96.0	74	<50.0	<50
Zinc	NA		890	81.0	110	15.0	440
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		5.5	8.66	<25	<5.00	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		52	31.2	17	<5.00	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury							
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.0	<5.00	<25	<5.00	<5.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Toluene	1000		-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		0.70	0.776	<0.50	<0.500	<0.50
Ethylbenzene	700		0.44 JQ	0.545	<0.50	<0.500	<0.50
Methylene chloride	5		2.3 JB	1.94 JB	1.7 JB	3.74	1.4 JB
Tetrachloroethene	5		<0.50	<0.500	<0.50	<0.500	<0.50
Toluene	1000		0.68	<0.500	0.54 JB	<0.500	<0.50
Trichloroethene	5		<0.50	<0.500	<0.50	<0.500	<0.50
Vinyl chloride	2.0		<2.0	<2.00	<2.0	<2.00	<2.0
Xylenes (total)	10000		<1.0	<1.00	<1.0	<1.00	<1.0
cis-1,2-Dichloroethene	70		<0.50	<0.500	<0.50	<0.500	<0.50

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	ST14-W08 10-APR-95	ST14-W08 14-JUL-95	ST14-W09 09-APR-95	ST14-W09 13-JUL-95	ST14-W11 10-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<10	<10.2	<11	<10.9	<11
Acenaphthene	6130		<10	<10.2	<11	<10.9	<11
Acenaphthylene	NA		<10	<10.2	<11	<10.9	<11
Benzo(a)pyrene	NA		<10	<10.2	<11	<10.9	<11
Butyl benzyl phthalate	NA		<10	14.4	<11	33.0	<11
Chrysene	NA		<10	<10.2	<11	<10.9	<11
Di-n-butylphthalate	10200		0.58 JQ	1.40 JH	<11	2.29 JQ	<11
Dibenzofuran	NA		<10	<10.2	<11	<10.9	<11
Fluorene	4090		<10	<10.2	<11	<10.9	<11
Naphthalene	4090		0.72 JQ	1.88 JQ	<11	<10.9	<11
Phenol	61300		<10	<10.2	<11	<10.9	<11
Pyrene	3070		<10	<10.2	<11	<10.9	<11
bis(2-Ethylhexyl)phthalate	20.4		<10	<10.2	<11	<10.9	<11

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
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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
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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W11 13-JUL-95	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W15 10-APR-95	ST14-W15 12-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		<500	8700	1320	18000	12600
Barium	2000		71.0	190	118	290	252
Beryllium	4		<3.00	<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10.0	<10	<10.0	<10	<10.0
Calcium	NA		127000	210000	139000	210000	182000
Chromium	100		<50.0	<50	<50.0	<50	<50.0
Cobalt	NA		<50.0	<50	<50.0	<50	<50.0
Copper	NA		<50.0	<50	<50.0	<50	<50.0
Iron	NA		1010	12000	7920	51000	41600
Magnesium	NA		6240	8100	7560	11000	10200
Manganese	NA		131	230	274	540	427
Molybdenum	NA		<50.0	<50	<50.0	<50	<50.0
Nickel	100		<50.0	<50	<50.0	65	<50.0
Potassium	NA		1700	3000	3120	6400	5830
Sodium	NA		24400	29000	20000	18000	19100
Vanadium	NA		<50.0	<50	<50.0	130	80.0
Zinc	NA		<10.0	61	<10.0	120	85.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.00	<5.0	<5.00	<5.0	10.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.00	8.3	<5.00	24	18.6
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)							
Mercury							
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.00	<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Toluene	1000		-	-	-	-	-
Xylenes (total)	10000		-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		<0.500	<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		1.57 JB	1.6 JB	<2.00	<2.0	1.63
Tetrachloroethene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Toluene	1000		<0.500	<0.50	<0.500	<0.50	<0.500
Trichloroethene	5		<0.500	<0.50	<0.500	<0.50	<0.500
Vinyl chloride	2.0		<2.00	<2.0	<2.00	<2.0	<2.00
Xylenes (total)	10000		<1.00	<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		<0.500	<0.50	<0.500	<0.50	<0.500

182281

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W11 13-JUL-95	ST14-W13 10-APR-95	ST14-W13 13-JUL-95	ST14-W15 10-APR-95	ST14-W15 12-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
2-Methylnaphthalene	NA		<10.5	3.4 JQ	3.21 JQ	<10	<10.1
Acenaphthene	6130		<10.5	<13	<10.0	<10	<10.1
Acenaphthylene	NA		<10.5	<13	<10.0	<10	<10.1
Benzo(a)pyrene	NA		<10.5	<13	<10.0	<10	<10.1
Butyl benzyl phthalate	NA		6.11 JQ	<13	4.48 JQ	<10	9.29 JQ
Chrysene	NA		<10.5	<13	<10.0	<10	<10.1
Di-n-butylphthalate	10200		<10.5	<13	<10.0	<10	2.11 JQ
Dibenzofuran	NA		<10.5	<13	<10.0	<10	<10.1
Fluorene	4090		<10.5	<13	<10.0	<10	<10.1
Naphthalene	4090		<10.5	4.5 JQ	4.80 JQ	<10	<10.1
Phenol	61300		<10.5	<13	<10.0	<10	<10.1
Pyrene	3070		<10.5	<13	<10.0	<10	<10.1
bis(2-Ethylhexyl)phthalate	20.4		<10.5	<13	<10.0	<10	<10.1

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
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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 are above MCL/MSC

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 11-APR-95	ST14-W16 12-JUL-95	ST14-W19 11-APR-95	ST14-W19 13-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		670	3870 J	17000	9210
Barium	2000		130	154	290	229
Beryllium	4		<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10	<10.0
Calcium	NA		140000	193000	280000	206000
Chromium	100		<50	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50	<50.0
Copper	NA		<50	<50.0	56	<50.0
Iron	NA		12000	33600	35000	24700
Magnesium	NA		6800	7490	9200	7440
Manganese	NA		310	595	350 J	316
Molybdenum	NA		<50	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50	<50.0
Potassium	NA		2300	2250	4900	2920
Sodium	NA		26000	24400	25000	22500
Vanadium	NA		<50	<50.0	93	61.0
Zinc	NA		11	42.0 J	150	86.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		22	31.8	<25	16.5 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	15		8.8	48.3 J	67 J	39.5
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury						
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)						
Selenium	50		<5.0	<5.00	<25	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Benzene	5		91	-	36	-
Ethylbenzene	700		2.7 JQ	-	14	-
Methylene chloride	5		11 JB	-	17 JB	-
Toluene	1000		0.85 JQ	-	1.5 JQ	-
Xylenes (total)	10000		<5.0	-	5.5	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
Benzene	5		-	180	-	70.8 JH
Ethylbenzene	700		-	2.67	-	23.3
Methylene chloride	5		-	<8.00	-	<4.00
Tetrachloroethene	5		-	<2.00	-	<1.00
Toluene	1000		-	<2.00	-	<1.00
Trichloroethene	5		-	<2.00	-	<1.00
Vinyl chloride	2.0		-	<8.00	-	<4.00
Xylenes (total)	10000		-	<4.00	-	8.66
cis-1,2-Dichloroethene	70		-	<2.00	-	<1.00

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 / 11-APR-95	ST14-W16 / 12-JUL-95	ST14-W19 / 11-APR-95	ST14-W19 / 13-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)						
2-Methylnaphthalene	NA		1.9 JQ	9.04 JQ	11 JQ	23.4
Acenaphthene	6130		<11	<10.2	1.8 JQ	<10.6
Acenaphthylene	NA		<11	<10.2	0.56 JQ	<10.6
Benzo(a)pyrene	NA		<11	<10.2	0.86 JQ	<10.6
Butyl benzyl phthalate	NA		<11	1.34 JQ	1.6 JQ	2.40 JQ
Chrysene	NA		<11	<10.2	1.8 JQ	<10.6
Di-n-butylphthalate	10200		<11	<10.2	1.3 JQ	3.28 JB
Dibenzofuran	NA		<11	<10.2	1.0 JQ	1.52 JQ
Fluorene	4090		<11	<10.2	<12	0.287 JQ
Naphthalene	4090		9.8 JQ	22.8 J	18	22.2
Phenol	61300		<11	10.1 JQ	<12	<10.6
Pyrene	3070		<11	<10.2	1.4 JQ	<10.6
bis(2-Ethylhexyl)phthalate	20.4		7.5 JQ	7.08 JQ	<12	<10.6

Data Qualification Flags/Notes:
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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 are above MCL/MSC

282294

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W20 11-APR-95	ST14-W20 12-JUL-95	ST14-W21 10-APR-95	ST14-W21 12-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		12000 J	9750	9000	19800
Barium	2000		280	259	250	320
Beryllium	4		<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10	<10.0
Calcium	NA		360000	298000	330000	400000
Chromium	100		<50	<50.0	<50	52.0
Cobalt	NA		<50	<50.0	<50	<50.0
Copper	NA		<50	<50.0	<50	<50.0
Iron	NA		38000	31100	42000	58500
Magnesium	NA		9000	8560	8200	10100
Manganese	NA		640	609	950	1220
Molybdenum	NA		<50	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50	58.0
Potassium	NA		3300	2900	2500	4730
Sodium	NA		2000	20700	11000	13200
Vanadium	NA		56	<50.0	51	88.0
Zinc	NA		86	83.0	73	115
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		18	47.5	20	17.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	15		<5.0	26.0	20	40.0
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury						
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)						
Selenium	50		<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Benzene	5		98	-	-	-
Ethylbenzene	700		<5.0	-	-	-
Methylene chloride	5		13 JB	-	-	-
Toluene	1000		0.49 JQ	-	-	-
Xylenes (total)	10000		<5.0	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
Benzene	5		-	12.6 J	<0.50	<0.500
Ethylbenzene	700		-	<0.500	<0.50	<0.500
Methylene chloride	5		-	4.30 JB	<2.0	1.50 JB
Tetrachloroethene	5		-	<0.500	<0.50	<0.500
Toluene	1000		-	<0.500	1.2 JB	<0.500
Trichloroethene	5		-	<0.500	<0.50	4.33
Vinyl chloride	2.0		-	<2.00	<2.0	<2.00
Xylenes (total)	10000		-	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		-	<0.500	<0.50	0.585

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W20 11-APR-95	ST14-W20 12-JUL-95	ST14-W21 10-APR-95	ST14-W21 12-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)						
2-Methylnaphthalene	NA		4.4 JQ	<10.4	<10	<10.4
Acenaphthene	6130		<11	<10.4	<10	<10.4
Acenaphthylene	NA		<11	<10.4	<10	<10.4
Benzo(a)pyrene	NA		<11	<10.4	<10	<10.4
Butyl benzyl phthalate	NA		<11	5.76 JQ	<10	37.0
Chrysene	NA		<11	<10.4	<10	<10.4
Di-n-butylphthalate	10200		1.6 JQ	1.04 JQ	<10	0.995 JQ
Dibenzofuran	NA		<11	<10.4	<10	<10.4
Fluorene	4090		<11	<10.4	<10	<10.4
Naphthalene	4090		7.4 JQ	3.76 JQ	<10	<10.4
Phenol	61300		<11	<10.4	<10	7.19 JQ
Pyrene	3070		<11	<10.4	<10	<10.4
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.4	<10	<10.4

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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 are above MCL/MSC

282296

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W23 10-APR-95	ST14-W23 12-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		4700	<500	4100	11000
Barium	2000		140	121	110	176
Beryllium	4		<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10	<10.0
Calcium	NA		210000	151000	170000	302000
Chromium	100		<50	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50	<50.0
Copper	NA		<50	<50.0	<50	<50.0
Iron	NA		13000	1170	4100	8310
Magnesium	NA		9800	7100	4700	6590
Manganese	NA		210	109	140	322
Molybdenum	NA		<50	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50	<50.0
Potassium	NA		3300	2460	2000	3260
Sodium	NA		20000	19800	15000	18600
Vanadium	NA		<50	<50.0	<50	<50.0
Zinc	NA		46	<10.0	87	31.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		<5.0	<5.00	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead	15		7.3	<5.00	<5.0	5.28
MERCURY, TOTAL BY CVAA/SW 7470 (ug/L)						
Mercury						
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)						
Selenium	50		<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Benzene	5		-	-	-	-
Ethylbenzene	700		-	-	-	-
Methylene chloride	5		-	-	-	-
Toluene	1000		-	-	-	-
Xylenes (total)	10000		-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
Benzene	5		<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		2.4 JB	<2.00	1.5 JB	<2.00
Tetrachloroethene	5		1.3	0.940	<0.50	<0.500
Toluene	1000		<0.50	<0.500	<0.50	<0.500
Trichloroethene	5		<0.50	<0.500	<0.50	<0.500
Vinyl chloride	2.0		<2.0	<2.00	<2.0	<2.00
Xylenes (total)	10000		<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		<0.50	<0.500	<0.50	<0.500

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	ST14-W22 08-APR-95	ST14-W22 14-JUL-95	ST14-W23 10-APR-95	ST14-W23 12-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
2-Methylnaphthalene	NA		<10	<10.4	<11	<10.1
Acenaphthene	6130		<10	<10.4	<11	<10.1
Acenaphthylene	NA		<10	<10.4	<11	<10.1
Benzo(a)pyrene	NA		<10	<10.4	<11	<10.1
Butyl benzyl phthalate	NA		<10	1.85 JQ	<11	<10.1
Chrysene	NA		<10	<10.4	<11	<10.1
Di-n-butylphthalate	10200		<10	<10.4	<11	0.863 JQ
Dibenzofuran	NA		<10	<10.4	<11	<10.1
Fluorene	4090		<10	<10.4	<11	<10.1
Naphthalene	4090		<10	<10.4	<11	<10.1
Phenol	61300		<10	<10.4	<11	<10.1
Pyrene	3070		<10	<10.4	<11	<10.1
bis(2-Ethylhexyl)phthalate	20.4		4.7 JQ	<10.4	5.6 JQ	<10.1

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JH = Estimated quantitation: possibly biased high based upon QC data
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.
[ ] Results in boxes are above MCL/MSC

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSB 08-APR-95	BSSB 13-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		-	3100 JB	<500	-	1200 JB
Barium	2000		-	160	229	-	160
Beryllium	4		-	<3.0	5560	-	<3.0
Cadmium	5		-	<10	<10.0	-	<10
Calcium	NA		-	150000	227000	-	160000
Chromium	100		-	<50	<50.0	-	<50
Cobalt	NA		-	<50	<50.0	-	<50
Iron	NA		-	6500	22400	-	34000
Magnesium	NA		-	5800	8600	-	12000
Manganese	NA		-	480	828	-	560
Molybdenum	NA		-	<50	54100	-	<50
Nickel	100		-	<50	<50.0	-	<50
Potassium	NA		-	1800	1920	-	1000
Sodium	NA		-	48000	<250	-	71000
Vanadium	NA		-	<50	<50.0	-	<50
Zinc	NA		-	200	1090	-	13
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		-	<5.0	<5.00	-	42
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead &	15		-	<5.0	18.9	-	9.3
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		-	<5.0	<5.00	-	<5.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	80 J	-
Ethylbenzene	700		-	-	-	1700	-
Methylene chloride	5		-	-	-	<1000	-
Styrene	100		-	-	-	<1000	-
Tetrachloroethene	5		-	-	-	<1000	-
Toluene	1000		-	-	-	20000	-
Trichloroethene	5		-	-	-	<1000	-
Xylenes (total)	10000		-	-	-	9300	-
cis-1,2-Dichloroethene	70		-	-	-	<1000	-
trans-1,2-Dichloroethene	100		-	-	-	<1000	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		<0.50	-	<0.500	-	-
Bromodichloromethane	100		<0.50	-	<0.500	-	-
Chloroform	100		<0.50	-	<0.500	-	-
Ethylbenzene	700		<0.50	-	<0.500	-	-
Methylene chloride	5		2.2	-	6.44 JB	-	-
Tetrachloroethene	5		<0.50	-	<0.500	-	-
Toluene	1000		<0.50	-	<0.500	-	-
Trichloroethene	5		<0.50	-	<0.500	-	-
Xylenes (total)	10000		<1.0	-	<1.00	-	-
cis-1,2-Dichloroethene	70		0.44 JQ	-	<0.500	-	-
trans-1,2-Dichloroethene	100		<0.50	-	<0.500	-	-

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	BSSA 08-APR-95	BSSA 13-APR-95	BSSA 14-JUL-95	BSSB 08-APR-95	BSSB 13-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		-	<10	<10.9	-	<110
2,4-Dimethylphenol	2040		-	<10	<10.9	-	74 JQ
2-Methylnaphthalene	NA		-	<10	<10.9	-	110
2-Methylphenol	NA		-	<10	<10.9	-	40 JQ
4-Methylphenol	NA		-	<10	<10.9	-	55 JQ
Butyl benzyl phthalate	NA		-	<10	12.9	-	<110
Di-n-butylphthalate	10200		-	1.4 JQ	<10.9	-	<110
Naphthalene	4090		-	<10	1.58 JQ	-	390
Phenol	61300		-	<10	<10.9	-	<110
bis(2-Ethylhexyl)phthalate	20.4		-	<10	<10.9	-	<110

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NA = Not available
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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 are above MCL/MSC

062290

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	BSSB 14-JUL-95	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-7 08-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		616 J	-	23000	1120	-
Barium	2000		146	-	92	81.0	-
Beryllium	4		<3.00	-	<3.0	<3.00	-
Cadmium	5		<10.0	-	<10	<10.0	-
Calcium	NA		155000	-	120000	82400	-
Chromium	100		<50.0	-	<50	<50.0	-
Cobalt	NA		<50.0	-	<50	<50.0	-
Iron	NA		16600	-	7500	3520	-
Magnesium	NA		12700	-	4500	3780	-
Manganese	NA		606	-	320	322	-
Molybdenum	NA		<50.0	-	<50	<50.0	-
Nickel	100		<50.0	-	<50	<50.0	-
Potassium	NA		924	-	6300	5080	-
Sodium	NA		67500	-	9900	19300	-
Vanadium	NA		<50.0	-	<50	<50.0	-
Zinc	NA		<10.0	-	54	10.0	-
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		40.3 J	-	20	71.8	-
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead &	15		<5.00	-	12	<5.00	-
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.00	-	<5.0	<5.00	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		1720	180	-	268	-
Ethylbenzene	700		1170	240	-	88.1	-
Methylene chloride	5		<1000	13 JB	-	8.64 JB	-
Styrene	100		<1000	<10	-	<10.0	-
Tetrachloroethene	5		<1000	<10	-	<10.0	-
Toluene	1000		8990	38	-	122	-
Trichloroethene	5		<1000	<10	-	<10.0	-
Xylenes (total)	10000		5530	73	-	43.2	-
cis-1,2-Dichloroethene	70		<1000	<10	-	<10.0	-
trans-1,2-Dichloroethene	100		<1000	<10	-	<10.0	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		-	-	-	-	<0.50
Bromodichloromethane	100		-	-	-	-	0.38 JQ
Chloroform	100		-	-	-	-	0.39 JB
Ethylbenzene	700		-	-	-	-	<0.50
Methylene chloride	5		-	-	-	-	2.0 JB
Tetrachloroethene	5		-	-	-	-	<0.50
Toluene	1000		-	-	-	-	<0.50
Trichloroethene	5		-	-	-	-	<0.50
Xylenes (total)	10000		-	-	-	-	<1.0
cis-1,2-Dichloroethene	70		-	-	-	-	<0.50
trans-1,2-Dichloroethene	100		-	-	-	-	<0.50

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	BSSB 14-JUL-95	MW-5 08-APR-95	MW-5 13-APR-95	MW-5 15-JUL-95	MW-7 08-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<103	-	<11	<10.0	-
2,4-Dimethylphenol	2040		<103	-	<11	14.6	-
2-Methylnaphthalene	NA		192	-	<11	2.28 JQ	-
2-Methylphenol	NA		<103	-	<11	<10.0	-
4-Methylphenol	NA		<103	-	<11	7.19 J	-
Butyl benzyl phthalate	NA		<103	-	<11	<10.0	-
Di-n-butylphthalate	10200		<103	-	1.1 JQ	<10.0	-
Naphthalene	4090		583	-	9.2 JQ	15.4	-
Phenol	61300		28.5 JQ	-	<11	14.4	-
bis(2-Ethylhexyl)phthalate	20.4		<103	-	<11	<10.0	-

Data Qualification Flags/Notes:
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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	MW-7 13-APR-95	MW-7 15-JUL-95	MW-8 07-APR-95	MW-8 07-APR-95 Reanalysis of MW-8	MW-8 15-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		<500	707	2100	-	<500
Barium	2000		88	90.0	180	-	137
Beryllium	4		<3.0	<3.00	<3.0	-	<3.00
Cadmium	5		<10	<10.0	<10	-	<10.0
Calcium	NA		140000	135000	130000	-	115000
Chromium	100		<50	<50.0	<50	-	<50.0
Cobalt	NA		<50	<50.0	<50	-	<50.0
Iron	NA		140	927	2700	-	693
Magnesium	NA		18000	17700	8600	-	7760
Manganese	NA		62	103	1900	-	1760
Molybdenum	NA		<50	<50.0	<50	-	<50.0
Nickel	100		<50	<50.0	<50	-	<50.0
Potassium	NA		1200	1540	820	-	<600
Sodium	NA		72000	70400	43000	-	39400
Vanadium	NA		<50	<50.0	<50	-	<50.0
Zinc	NA		<10	<10.0	14	-	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0	<5.00	5.3	-	6.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead &	15		<5.0	<5.00	<5.0	-	<5.00
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.0	<5.00	<5.0	-	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Styrene	100		-	-	-	-	-
Tetrachloroethene	5		-	-	-	-	-
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)							
Benzene	5		-	<0.500	0.41 JQ	-	<0.500
Bromodichloromethane	100		-	<0.500	<0.50	-	<0.500
Chloroform	100		-	<0.500	<0.50	-	<0.500
Ethylbenzene	700		-	<0.500	<0.50	-	<0.500
Methylene chloride	5		-	<2.00	<2.0	-	<2.00
Tetrachloroethene	5		-	<0.500	<0.50	-	<0.500
Toluene	1000		-	<0.500	<0.50	-	<0.500
Trichloroethene	5		-	<0.500	<0.50	-	<0.500
Xylenes (total)	10000		-	<1.00	<1.0	-	<1.00
cis-1,2-Dichloroethene	70		-	<0.500	<0.50	-	<0.500
trans-1,2-Dichloroethene	100		-	<0.500	<0.50	-	<0.500

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	MW-7	MW-7	MW-8	MW-8	MW-8
		Sample Date :	13-APR-95	15-JUL-95	07-APR-95	07-APR-95	15-JUL-95
		Notes:				Reanalysis of MW-8	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<11	<10.6	<11	<11	<10.8
2,4-Dimethylphenol	2040		<11	<10.6	<11	<11	<10.8
2-Methylnaphthalene	NA		<11	<10.6	<11	<11	<10.8
2-Methylphenol	NA		<11	<10.6	<11	<11	<10.8
4-Methylphenol	NA		<11	<10.6	<11	<11	<10.8
Butyl benzyl phthalate	NA		<11	2.09 JQ	<11	<11	7.40 JQ
Di-n-butylphthalate	10200		1.3 JQ	<10.6	<11	<11	<10.8
Naphthalene	4090		2.5 JQ	<10.6	<11	<11	<10.8
Phenol	61300		<11	<10.6	<11	<11	2.78 JQ
bis(2-Ethylhexyl)phthalate	20.4		<11	4.95 JQ	<11	<11	4.16 JQ

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	MW-9 07-APR-95	MW-9 15-JUL-95	MW-10 15-JUL-95	MW-11 07-APR-95	MW-11 15-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		990	<500	<500	2100	3190
Barium	2000		160	134	222	120	169
Beryllium	4		<3.0	<3.00	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10.0	<10	<10.0
Calcium	NA		190000	168000	197000	160000	153000
Chromium	100		<50	<50.0	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50.0	<50	<50.0
Iron	NA		4400	2320	5380	3000	4770
Magnesium	NA		13000	9600	14700	11000	11000
Manganese	NA		3700	2040	7070	220	633
Molybdenum	NA		<50	<50.0	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50.0	<50	<50.0
Potassium	NA		640	964	<600	1800	1230
Sodium	NA		90000	53500	61600	56000	55700
Vanadium	NA		<50	<50.0	<50.0	<50	<50.0
Zinc	NA		<10	<10.0	<10.0	62	16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0	<5.00	18.1	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead &	15		<5.0	<5.00	9.97	<5.0	<5.00
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.0	<5.00	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		-	-	5340	-	-
Ethylbenzene	700		-	-	3830	-	-
Methylene chloride	5		-	-	348 JQ	-	-
Styrene	100		-	-	106 JQ	-	-
Tetrachloroethene	5		-	-	<500	-	-
Toluene	1000		-	-	13200	-	-
Trichloroethene	5		-	-	<500	-	-
Xylenes (total)	10000		-	-	11100	-	-
cis-1,2-Dichloroethene	70		-	-	<500	-	-
trans-1,2-Dichloroethene	100		-	-	<500	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		<0.50	<0.500	-	<0.50	<0.500
Bromodichloromethane	100		<0.50	<0.500	-	<0.50	<0.500
Chloroform	100		<0.50	<0.500	-	<0.50	<0.500
Ethylbenzene	700		<0.50	<0.500	-	<0.50	<0.500
Methylene chloride	5		1.8 JB	<2.00	-	1.4 JB	<2.00
Tetrachloroethene	5		<0.50	<0.500	-	<0.50	<0.500
Toluene	1000		<0.50	<0.500	-	<0.50	<0.500
Trichloroethene	5		<0.50	<0.500	-	<0.50	<0.500
Xylenes (total)	10000		<1.0	<1.00	-	<1.0	<1.00
cis-1,2-Dichloroethene	70		<0.50	<0.500	-	<0.50	<0.500
trans-1,2-Dichloroethene	100		<0.50	<0.500	-	<0.50	<0.500

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	MW-9 07-APR-95	MW-9 15-JUL-95	MW-10 15-JUL-95	MW-11 07-APR-95	MW-11 15-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<11	<10.8	<52.6	<10	<10.0
2,4-Dimethylphenol	2040		<11	<10.8	<52.6	<10	<10.0
2-Methylnaphthalene	NA		<11	<10.8	92.9	<10	<10.0
2-Methylphenol	NA		<11	<10.8	<52.6	<10	<10.0
4-Methylphenol	NA		<11	<10.8	15.2 JQ	<10	<10.0
Butyl benzyl phthalate	NA		<11	4.87 JQ	31.5 JQ	<10	<10.0
Di-n-butylphthalate	10200		<11	<10.8	<52.6	0.77 JB	2.50 JQ
Naphthalene	4090		<11	<10.8	551	<10	<10.0
Phenol	61300		<11	<10.8	<52.6	<10	<10.0
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.8	<52.6	<10	<10.0

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	MW-12 07-APR-95	MW-12 15-JUL-95	GMI04-01M 07-APR-95	GMI04-01M 16-JUL-95	GMI22-01M 12-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		<500	<500	1000	<500	71000 J
Barium	2000		69	58.0	110	96.0	2400 J
Beryllium	4		<3.0	<3.00	<3.0	<3.00	30 J
Cadmium	5		<10	<10.0	<10	<10.0	32 J
Calcium	NA		230000	27500	180000	150000	2700000 J
Chromium	100		<50	<50.0	<50	<50.0	200 J
Cobalt	NA		<50	<50.0	<50	<50.0	120 J
Iron	NA		290	164	2200	54.0	190000 J
Magnesium	NA		9200	7790	9100	8360	43000 J
Manganese	NA		140	152	180	121	9800 J
Molybdenum	NA		<50	<50.0	<50	<50.0	<50 J
Nickel	100		230	<50.0	160 J	<50.0	270 J
Potassium	NA		<600	<600	5100	3630	17000 J
Sodium	NA		58000	44100	31000	27300	52000 J
Vanadium	NA		<50	<50.0	<50	<50.0	420 J
Zinc	NA		<10	<10.0	<10 J	<10.0	260 J
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		<5.0	<5.00	<5.0	<5.00	13 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead &	15		5.4	<5.00	<5.0	<5.00	<10 J
SELENIUM, TOTAL BY GFAA/SW 7740 (µg/L)							
Selenium	50		<5.0	<5.00	<5.0	<5.00	<25 J
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Benzene	5		-	-	<100	<50.0	-
Ethylbenzene	700		-	-	<100	<50.0	-
Methylene chloride	5		-	-	150	40.4 J	-
Styrene	100		-	-	<100	<50.0	-
Tetrachloroethene	5		-	-	<100	<50.0	-
Toluene	1000		-	-	<100	<50.0	-
Trichloroethene	5		-	-	1300	998	-
Xylenes (total)	10000		-	-	<100	<50.0	-
cis-1,2-Dichloroethene	70		-	-	520	339	-
trans-1,2-Dichloroethene	100		-	-	25 JQ	24.9 JQ	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
Benzene	5		<0.50	<0.500	-	-	0.75
Bromodichloromethane	100		<0.50	<0.500	-	-	<0.50
Chloroform	100		<0.50	<0.500	-	-	<0.50
Ethylbenzene	700		<0.50	<0.500	-	-	<0.50
Methylene chloride	5		<2.0	<2.00	-	-	2.0 JB
Tetrachloroethene	5		<0.50	<0.500	-	-	<0.50
Toluene	1000		<0.50	<0.500	-	-	2.7
Trichloroethene	5		<0.50	<0.500	-	-	11
Xylenes (total)	10000		<1.0	<1.00	-	-	<1.0
cis-1,2-Dichloroethene	70		<0.50	<0.500	-	-	40
trans-1,2-Dichloroethene	100		<0.50	<0.500	-	-	<0.50

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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	MW-12 / 07-APR-95	MW-12 / 15-JUL-95	GMI04-01M / 07-APR-95	GMI04-01M / 16-JUL-95	GMI22-01M / 12-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,4-Dichlorobenzene	75		<10	<10.6	<10	<10.0	<11
2,4-Dimethylphenol	2040		<10	<10.6	<10	<10.0	<11
2-Methylnaphthalene	NA		<10	<10.6	<10	<10.0	<11
2-Methylphenol	NA		<10	<10.6	<10	<10.0	<11
4-Methylphenol	NA		<10	<10.6	<10	<10.0	<11
Butyl benzyl phthalate	NA		<10	<10.6	<10	31.8	<11
Di-n-butylphthalate	10200		<10	<10.6	0.70 JB	0.596 JQ	<11
Naphthalene	4090		<10	<10.6	<10	<10.0	<11
Phenol	61300		<10	<10.6	<10	<10.0	<11
bis(2-Ethylhexyl)phthalate	20.4		<10	<10.6	<10	<10.0	<11

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MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
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JH = Estimated quantitation: possibly biased high based upon QC data
JL = Estimated quantitation: possibly biased low or a false negative based upon QC data
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TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	GMI22-01M 16-JUL-95	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		<500	1100	<500	13000	<500
Barium	2000		971	94	102	120	113
Beryllium	4		<3.00	<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10.0	<10	<10.0	<10	<10.0
Calcium	NA		155000	110000	116000	320000	131000
Chromium	100		<50.0	<50	<50.0	<50	<50.0
Cobalt	NA		<50.0	<50	<50.0	<50	<50.0
Iron	NA		7220	1800	114	14000	233
Magnesium	NA		7670	4200	5160	15000	10500
Manganese	NA		890	93	89.0	280	95.0
Molybdenum	NA		<50.0	<50	<50.0	<50	<50.0
Nickel	100		<50.0	<50	<50.0	<50	<50.0
Potassium	NA		1310	1200	1050	7800	2440
Sodium	NA		67200	11000	15400	110000	106000
Vanadium	NA		<50.0	<50	<50.0	<50	<50.0
Zinc	NA		<10.0	29	<10.0	27	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		24.5	<5.0	<5.00	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead &	15		<5.00	<5.0	<5.00	5.7	<5.00
SELENIUM, TOTAL BY GFAA/SW 7740 (µg/L)							
Selenium	50		<5.00	<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Benzene	5		-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-
Methylene chloride	5		-	-	-	-	-
Styrene	100		-	-	-	-	-
Tetrachloroethene	5		-	-	-	-	-
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 (µg/L)							
Benzene	5		1.89	<0.50	<0.500	<0.50	<0.500
Bromodichloromethane	100		<0.500	<0.50	<0.500	<0.50	<0.500
Chloroform	100		<0.500	<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		2.61	<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		<2.00	1.6 JB	<2.00	2.3 JB	<2.00
Tetrachloroethene	5		<0.500	<0.50	<0.500	14	14.3
Toluene	1000		5.61	<0.50	<0.500	<0.50	<0.500
Trichloroethene	5		14.2	<0.50	<0.500	18	28.8
Xylenes (total)	10000		7.13	<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		21.7	<0.50	<0.500	17	27.8
trans-1,2-Dichloroethene	100		<0.500	<0.50	<0.500	24	49.9

282299

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	GMI22-01M 16-JUL-95	GMI22-02M 12-APR-95	GMI22-02M 16-JUL-95	GMI22-03M 13-APR-95	GMI22-03M 16-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<10.3	<10	<10.4	<11	<10.2
2,4-Dimethylphenol	2040		<10.3	<10	<10.4	<11	<10.2
2-Methylnaphthalene	NA		<10.3	<10	<10.4	<11	<10.2
2-Methylphenol	NA		<10.3	<10	<10.4	<11	<10.2
4-Methylphenol	NA		<10.3	<10	<10.4	<11	<10.2
Butyl benzyl phthalate	NA		10.6	<10	16.2	<11	33.5
Di-n-butylphthalate	10200		0.734 JQ	<10	0.899 JQ	<11	0.561 JQ
Naphthalene	4090		0.539 JQ	<10	<10.4	<11	<10.2
Phenol	61300		<10.3	<10	3.79 JQ	<11	<10.2
bis(2-Ethylhexyl)phthalate	20.4		11.5	<10	5.62 JQ	<11	<10.2

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-06M 13-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		15000 J	<500	3800	1880	6600 J
Barium	2000		270 J	162	110	123	100 J
Beryllium	4		<3.0 J	<3.00	<3.0	<3.00	<3.0 J
Cadmium	5		<10 J	<10.0	<10	<10.0	<10 J
Calcium	NA		300000 J	125000	200000	171000	160000 J
Chromium	100		<50 J	<50.0	<50	<50.0	<50 J
Cobalt	NA		<50 J	<50.0	<50	<50.0	<50 J
Iron	NA		37000 J	119	5700	2850	12000 J
Magnesium	NA		12000 J	9370	19000	14600	16000 J
Manganese	NA		1200 J	387	230	220	480 J
Molybdenum	NA		<50 J	<50.0	<50	<50.0	<50 J
Nickel	100		<50 J	<50.0	<50	<50.0	<50 J
Potassium	NA		4500 J	1670	6100	5460	3100 J
Sodium	NA		130000 J	136000	78000	83600	170000 J
Vanadium	NA		73 J	<50.0	<50	<50.0	<50 J
Zinc	NA		62 J	<10.0	31	16.0	18 J
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		<5.0 J	<5.00	<5.0	<5.00	<5.0 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead &	15		12 J	<5.00	<5.0	<5.00	<5.0 J
SELENIUM, TOTAL BY GFAA/SW 7740 (µg/L)							
Selenium	50		<5.0 J	<5.00	5.6	<5.00	<5.0 J
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Benzene	5		<25	<25.0	-	-	<25
Ethylbenzene	700		<25	<25.0	-	-	<25
Methylene chloride	5		40 JB	<25.0	-	-	100 JB
Styrene	100		<25	<25.0	-	-	<25
Tetrachloroethene	5		<25	<25.0	-	-	<25
Toluene	1000		<25	<25.0	-	-	<25
Trichloroethene	5		760	465	-	-	580
Xylenes (total)	10000		<25	<25.0	-	-	<25
cis-1,2-Dichloroethene	70		90	66.5	-	-	62
trans-1,2-Dichloroethene	100		14	8.90 JQ	-	-	68
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
Benzene	5		-	-	<0.50	<0.500	-
Bromodichloromethane	100		-	-	<0.50	<0.500	-
Chloroform	100		-	-	<0.50	<0.500	-
Ethylbenzene	700		-	-	<0.50	<0.500	-
Methylene chloride	5		-	-	2.0	<2.00	-
Tetrachloroethene	5		-	-	<0.50	<0.500	-
Toluene	1000		-	-	0.22	<0.500	-
Trichloroethene	5		-	-	<0.50	<0.500	-
Xylenes (total)	10000		-	-	<1.0	<1.00	-
cis-1,2-Dichloroethene	70		-	-	<0.50	<0.500	-
trans-1,2-Dichloroethene	100		-	-	<0.50	<0.500	-

282301

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	GMI22-04M 13-APR-95	GMI22-04M 15-JUL-95	GMI22-05M 13-APR-95	GMI22-05M 14-JUL-95	GMI22-06M 13-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3510 (ug/L)							
1,4-Dichlorobenzene	75		<11	<10.4	<11	<10.3	<13
2,4-Dimethylphenol	2040		<11	<10.4	<11	<10.3	<13
2-Methylnaphthalene	NA		<11	<10.4	<11	<10.3	<13
2-Methylphenol	NA		<11	<10.4	<11	<10.3	<13
4-Methylphenol	NA		<11	<10.4	<11	<10.3	<13
Butyl benzyl phthalate	NA		<11	40.2	<11	1.34 JQ	<13
Di-n-butylphthalate	10200		<11	0.642 JQ	0.68 JQ	<10.3	<13
Naphthalene	4090		<11	<10.4	<11	<10.3	<13
Phenol	61300		<11	<10.4	<11	<10.3	<13
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.4	<11	<10.3	<13

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282302

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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-JUL-95	GMI22-07M 15-JUL-95	GMI22-07M 11-APR-95	GMI22-08M 11-APR-95	GMI22-08M 15-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		28500	11800	1600	3400 JH	9270
Barium	2000		341	262	120	99	167
Beryllium	4		3.00	<3.00	<3.0	<3.0	<3.00
Cadmium	5		<10.0	<10.0	<10	<10	<10.0
Calcium	NA		484000	140000	120000	65000	70200
Chromium	100		<50.0	<50.0	<50	<50	<50.0
Cobalt	NA		<50.0	<50.0	<50	<50	<50.0
Iron	NA		72300	22600	3500	6100	18700
Magnesium	NA		22000	15200	14000	11000	11900
Manganese	NA		2290	1050	210	380 JH	1160
Molybdenum	NA		<50.0	<50.0	<50	<50	<50.0
Nickel	100		53.0	<50.0	<50	<50	<50.0
Potassium	NA		8050	5350	3700	3600	4820
Sodium	NA		164000	33000	33000	26000	27600
Vanadium	NA		131	<50.0	<50	<50	<50.0
Zinc	NA		82.0	35.0	<10	11	26.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		5.04	<5.00	<5.0	<25 J	<5.00 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead &	15		19.4	12.2	<5.0	<5.0	10.4
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)							
Selenium	50		<5.00	<5.00	<5.0	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		0.924 JQ	-	-	-	-
Ethylbenzene	700		<10.0	-	-	-	-
Methylene chloride	5		10.8 JB	-	-	-	-
Styrene	100		<10.0	-	-	-	-
Tetrachloroethene	5		<10.0	-	-	-	-
Toluene	1000		2.58 JQ	-	-	-	-
Trichloroethene	5		219	-	-	-	-
Xylenes (total)	10000		<10.0	-	-	-	-
cis-1,2-Dichloroethene	70		25.0	-	-	-	-
trans-1,2-Dichloroethene	100		25.7	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
Benzene	5		-	<0.500	<0.50	<0.50	<0.500
Bromodichloromethane	100		-	<0.500	<0.50	<0.50	<0.500
Chloroform	100		-	<0.500	<0.50	<0.50	<0.500
Ethylbenzene	700		-	<0.500	<0.50	<0.50	<0.500
Methylene chloride	5		-	<2.00	1.4 JB	1.7 JB	<2.00
Tetrachloroethene	5		-	<0.500	<0.50	<0.50	<0.500
Toluene	1000		-	<0.500	<0.50	<0.50	<0.500
Trichloroethene	5		-	<0.500	<0.50	<0.50	<0.500
Xylenes (total)	10000		-	<1.00	<1.0	<1.0	<1.00
cis-1,2-Dichloroethene	70		-	<0.500	<0.50	<0.50	<0.500
trans-1,2-Dichloroethene	100		-	<0.500	<0.50	<0.50	<0.500

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	GMI22-06M	GMI22-07M	GMI22-07M	GMI22-08M	GMI22-08M
		Sample Date :	15-JUL-95	15-JUL-95	11-APR-95	11-APR-95	15-JUL-95
		Notes:					
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,4-Dichlorobenzene	75		<10.9	<10.5	<11	<11	<10.6
2,4-Dimethylphenol	2040		<10.9	<10.5	<11	<11	<10.6
2-Methylnaphthalene	NA		<10.9	<10.5	<11	<11	<10.6
2-Methylphenol	NA		<10.9	<10.5	<11	<11	<10.6
4-Methylphenol	NA		<10.9	<10.5	<11	<11	<10.6
Butyl benzyl phthalate	NA		23.7	2.05 JQ	<11	<11	1.97 JQ
Di-n-butylphthalate	10200		0.870 JQ	0.959 JQ	0.75 JQ	<11	1.11 JQ
Naphthalene	4090		<10.9	<10.5	<11	<11	<10.6
Phenol	61300		<10.9	<10.5	<11	<11	<10.6
bis(2-Ethylhexyl)phthalate	20.4		1.99 JQ	<10.5	<11	<11	<10.6

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
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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 are above MCL/MSC

262204

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10C 12-APR-95	WP07-10C 12-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)						
Aluminum	NA		15000	2480	1900	<500
Barium	2000		180	108	130	149
Beryllium	4		<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10	<10.0
Calcium	NA		270000	159000	160000	162000
Chromium	100		<50	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50	<50.0
Iron	NA		23000	3550	9500	14200
Magnesium	NA		9400	8520	11000	10400
Manganese	NA		490	149	680	670
Molybdenum	NA		<50	<50.0	<50	<50.0
Nickel	100		<50	<50.0	<50	<50.0
Potassium	NA		4400	2230	2900	2820
Sodium	NA		21000	21400	30000	25300
Vanadium	NA		55	<50.0	<50	<50.0
Zinc	NA		41	31.0	10	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)						
Arsenic	50		<5.0	<5.00	8.4	47.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)						
Lead &	15		14	<5.00	<5.0	<5.00
SELENIUM, TOTAL BY GFAA/SW 7740 (ug/L)						
Selenium	50		<5.0	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)						
Benzene	5		<100	<100	<50	<50.0
Ethylbenzene	700		<100	<100	<50	<50.0
Methylene chloride	5		150	<100	24 JB	25.3 JQ
Styrene	100		<100	<100	<50	<50.0
Tetrachloroethene	5		9.6 JQ	<100	<50	<50.0
Toluene	1000		<100	<100	<50	<50.0
Trichloroethene	5		2000	2180	590	653
Xylenes (total)	10000		<100	<100	<50	<50.0
cis-1,2-Dichloroethene	70		230	262	170	185
trans-1,2-Dichloroethene	100		24 JQ	21.8 JQ	9.9 JQ	11.0 JQ
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)						
Benzene	5		-	-	-	-
Bromodichloromethane	100		-	-	-	-
Chloroform	100		-	-	-	-
Ethylbenzene	700		-	-	-	-
Methylene chloride	5		-	-	-	-
Tetrachloroethene	5		-	-	-	-
Toluene	1000		-	-	-	-
Trichloroethene	5		-	-	-	-
Xylenes (total)	10000		-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	WP07-10B 06-APR-95	WP07-10B 12-JUL-95	WP07-10C 12-APR-95	WP07-10C 12-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)						
1,4-Dichlorobenzene	75		<14	<10.2	3.0 J	1.93 JQ
2,4-Dimethylphenol	2040		<14	<10.2	<11	<10.3
2-Methylnaphthalene	NA		<14	<10.2	<11	<10.3
2-Methylphenol	NA		<14	<10.2	<11	<10.3
4-Methylphenol	NA		<14	<10.2	<11	<10.3
Butyl benzyl phthalate	NA		<14	6.62 JQ	<11	14.4
Di-n-butylphthalate	10200		<14	<10.2	<11	0.689 JQ
Naphthalene	4090		<14	<10.2	<11	<10.3
Phenol	61300		<14	<10.2	<11	<10.3
bis(2-Ethylhexyl)phthalate	20.4		<14	<10.2	<11	7.35 JQ

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282306

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	OT15C 08-APR-95	OT15C 16-JUL-95	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	NA		4100	<500 J	-	2100 JB	3260
Barium	2000		190	167	-	210	255
Beryllium	4		<3.0	<3.00	-	<3.0	<3.00
Cadmium	5		<10	<10.0	-	<10	<10.0
Calcium	NA		180000	131000	-	150000	195000
Chromium	100		<50	<50.0	-	<50	<50.0
Cobalt	NA		<50	<50.0	-	<50	<50.0
Copper	NA		<50	<50.0	-	<50	<50.0
Iron	NA		3300	<50.0	-	18000	26500
Magnesium	NA		5300	4150	-	6100	6400
Manganese	NA		330 J	223	-	180	348
Nickel	100		<50	<50.0	-	<50	<50.0
Potassium	NA		2700	2530	-	1300	1660
Sodium	NA		25000	27200	-	25000	21800
Vanadium	NA		<50	<50.0	-	<50	<50.0
Zinc	NA		12	<10.0	-	18	28.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	50		<5.0	<5.00	-	37	36.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	15		<5.0	<5.00	-	<5.0	14.4
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
Benzene	5						
Ethylbenzene	700						
Methylene chloride	5						
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 (µg/L)							
1,1-Dichloroethane	10200		<0.50	<0.500	<0.50	-	<0.500
1,1-Dichloroethene	7		<0.50	<0.500	<0.50	-	<0.500
Benzene	5		<0.50	0.777	<0.50	-	<0.500
Chloroform	100		<0.50	<0.500	<0.50	-	<0.500
Ethylbenzene	700		<0.50	0.673	<0.50	-	<0.500
Methylene chloride	5		1.9 JB	<2.00	4.3 JB	-	<2.00
Tetrachloroethene	5		2.4 JH	0.747	<0.50	-	<0.500
Toluene	1000		<0.50	6.44	<0.50	-	<0.500
Trichloroethene	5		<0.50	3.64 J	<0.50	-	<0.500
Xylenes (total)	10000		<1.0	3.61	<1.0	-	<1.00
cis-1,2-Dichloroethene	70		<0.50	0.925	<0.50	-	<0.500

282307

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	OT15C 08-APR-95	OT15C 16-JUL-95	SD13-01 08-APR-95	SD13-01 13-APR-95	SD13-01 14-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)			-	-	-	-	-
2-Methylnaphthalene	NA		<11	<10.2	-	16	15.8
Acenaphthene	6130		<11	<10.2	-	<10	<10.3
Acenaphthylene	NA		<11	<10.2	-	0.93 JQ	<10.3
Butyl benzyl phthalate	NA		<11	53.3	-	<10	41.9
Di-n-butylphthalate	10200		<11	<10.2	-	0.68 JQ	0.747 JH
Di-n-octylphthalate	2040		<11	<10.2	-	<10	<10.3
Dibenzofuran	NA		<11	<10.2	-	1.5 JQ	1.89 JQ
Fluoranthene	4090		<11	<10.2	-	<10	<10.3
Fluorene	4090		<11	<10.2	-	<10	0.531 JQ
Naphthalene	4090		<11	<10.2	-	1.2 JQ	0.743 JQ
Phenanthrene	NA		<11	<10.2	-	<10	<10.3
Phenol	61300		<11	<10.2	-	<10	9.32 JQ
Pyrene	3070		<11	<10.2	-	<10	<10.3
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.2	-	<10	<10.3

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282298

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	SD13-02 08-APR-95	SD13-02 14-JUL-95	SD13-03 08-APR-95	SD13-03 13-APR-95 Reanalysis of SD13-03	SD13-03 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		680	<500	4200 R	9500	2540
Barium	2000		180	183	320 R	340	304
Beryllium	4		<3.0	<3.00	<3.0 R	<3.0	<3.00
Cadmium	5		<10	<10.0	<10 R	<10	<10.0
Calcium	NA		170000	130000	210000 R	270000	182000
Chromium	100		<50	<50.0	<50 R	<50	<50.0
Cobalt	NA		<50	<50.0	<50 R	<50	<50.0
Copper	NA		<50	<50.0	<50 R	<50	<50.0
Iron	NA		4700	2670	24000 R	34000	20700
Magnesium	NA		6500	5960	7900 R	10000	7360
Manganese	NA		480	422	300 R	440	285
Nickel	100		<50	<50.0	<50 R	<50	<50.0
Potassium	NA		2000	1900	1800 R	2900	1550
Sodium	NA		19000	18600	23000 R	24000	22600
Vanadium	NA		<50	<50.0	<50 R	<50	<50.0
Zinc	NA		15	<10.0	35 R	61	16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0	15.1	31 R	22	37.7
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.0	<5.00	18 R	22	8.02
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5				<5.0		<5.00
Ethylbenzene	700				<5.0		<5.00
Methylene chloride	5				11 JB		2.58 JB
Toluene	1000				<5.0		<5.00
Trichloroethene	5				<5.0		<5.00
Xylenes (total)	10000				<5.0		<5.00
cis-1,2-Dichloroethene	70				<5.0		<5.00
trans-1,2-Dichloroethene	100				<5.0		<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		<0.50	<0.500	-	-	-
1,1-Dichloroethene	7		<0.50	<0.500	-	-	-
Benzene	5		<0.50	<0.500	-	-	-
Chloroform	100		<0.50	<0.500	-	-	-
Ethylbenzene	700		<0.50	<0.500	-	-	-
Methylene chloride	5		3.0 JB	6.18 JB	-	-	-
Tetrachloroethene	5		<0.50	<0.500	-	-	-
Toluene	1000		<0.50	<0.500	-	-	-
Trichloroethene	5		<0.50	<0.500	-	-	-
Xylenes (total)	10000		<1.0	<1.00	-	-	-
cis-1,2-Dichloroethene	70		<0.50	<0.500	-	-	-

223209

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	SD13-02	SD13-02	SD13-03	SD13-03	SD13-03
		Sample Date :	08-APR-95	14-JUL-95	08-APR-95	13-APR-95	14-JUL-95
		Notes:				Reanalysis of SD13-03	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<10	<10.2	2.6 R	12	16.1
Acenaphthene	6130		<10	<10.2	<10 R	0.43 JQ	<10.5
Acenaphthylene	NA		<10	<10.2	<10 R	<11	<10.5
Butyl benzyl phthalate	NA		<10	<10.2	<10 R	<11	3.79 JQ
Di-n-butylphthalate	10200		<10	<10.2	<10 R	<11	<10.5
Di-n-octylphthalate	2040		<10	<10.2	<10 R	<11	<10.5
Dibenzofuran	NA		<10	<10.2	1.3 R	1.4 JQ	2.06 JQ
Fluoranthene	4090		<10	<10.2	<10 R	<11	<10.5
Fluorene	4090		<10	<10.2	0.29 R	0.56 JQ	<10.5
Naphthalene	4090		<10	<10.2	4.0 R	5.3 JQ	5.05 JQ
Phenanthrene	NA		<10	<10.2	<10 R	<11	<10.5
Phenol	61300		<10	<10.2	<10 R	<11	<10.5
Pyrene	3070		<10	<10.2	<10 R	<11	<10.5
bis(2-Ethylhexyl)phthalate	20.4		<10	<10.2	<10 R	<11	<10.5

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282210

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	SD13-05 10-APR-95	SD13-05 16-JUL-95	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-07 08-APR-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		770	<500	720	664	<500
Barium	2000		210	208	240	266	170
Beryllium	4		<3.0	<3.00	<3.0	<3.00	<3.0
Cadmium	5		<10	<10.0	<10	<10.0	<10
Calcium	NA		150000	139000	200000	206000	150000
Chromium	100		<50 J	<50.0 J	<50	<50.0	<50
Cobalt	NA		<50	<50.0	<50	<50.0	<50
Copper	NA		<50	<50.0	<50	<50.0	<50
Iron	NA		1300 JL	<50.0	1200	3740	5300
Magnesium	NA		4700	4560	12000	12200	7300
Manganese	NA		83	105	330	459	530
Nickel	100		<50	<50.0	<50	<50.0	<50
Potassium	NA		1900	2090	950	1240	1400
Sodium	NA		33000	30700	28000	27400	42000
Vanadium	NA		<50	<50.0	<50	<50.0	<50
Zinc	NA		74 J	<10.0	25	30.0	<10
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.0	<5.00	<5.0	<5.00	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		<5.0	<5.00	<5.0	<5.00	5.6
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5						<5.0
Ethylbenzene	700						<5.0
Methylene chloride	5						14 JB
Toluene	1000						<5.0
Trichloroethene	5						<5.0
Xylenes (total)	10000						<5.0
cis-1,2-Dichloroethene	70						<5.0
trans-1,2-Dichloroethene	100						<5.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)							
1,1-Dichloroethane	10200		<0.50	<0.500	<0.50	<0.500	-
1,1-Dichloroethene	7		<0.50	<0.500	<0.50	<0.500	-
Benzene	5		<0.50	<0.500	0.47 JQ	<0.500	-
Chloroform	100		0.34 JB	<0.500	<0.50	<0.500	-
Ethylbenzene	700		<0.50	<0.500	<0.50	<0.500	-
Methylene chloride	5		1.6 JB	<2.00	2.4 JB	<2.00	-
Tetrachloroethene	5		<0.50	<0.500	<0.50	<0.500	-
Toluene	1000		<0.50	<0.500	<0.50	<0.500	-
Trichloroethene	5		<0.50	<0.500	<0.50	<0.500	-
Xylenes (total)	10000		<1.0	<1.00	<1.0	<1.00	-
cis-1,2-Dichloroethene	70		<0.50	<0.500	<0.50	<0.500	-

282311

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	SD13-05 10-APR-95	SD13-05 16-JUL-95	SD13-06 08-APR-95	SD13-06 15-JUL-95	SD13-07 08-APR-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
2-Methylnaphthalene	NA		<11	<10.2	<10	<10.6	22
Acenaphthene	6130		<11	<10.2	<10	0.685 JQ	1.0 JQ
Acenaphthylene	NA		<11	<10.2	<10	<10.6	<10
Butyl benzyl phthalate	NA		<11	6.06 JQ	<10	1.00 JQ	<10
Di-n-butylphthalate	10200		<11	<10.2	<10	<10.6	<10
Di-n-octylphthalate	2040		<11	<10.2	<10	<10.6	<10
Dibenzofuran	NA		<11	<10.2	<10	<10.6	1.8 JQ
Fluoranthene	4090		<11	<10.2	<10	<10.6	<10
Fluorene	4090		<11	<10.2	<10	<10.6	0.80 JQ
Naphthalene	4090		<11	<10.2	<10	7.21 JQ	<10
Phenanthrene	NA		<11	<10.2	<10	<10.6	<10
Phenol	61300		<11	<10.2	<10	<10.6	<10
Pyrene	3070		<11	<10.2	<10	0.652 JQ	<10
bis(2-Ethylhexyl)phthalate	20.4		<11	<10.2	<10	<10.6	5.6 JQ

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282212

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
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 / 16-JUL-95	P3A / 11-APR-95	P3A / 15-JUL-95	T3 / 11-APR-95	T3 / 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (ug/L)							
Aluminum	NA		<500	22000	29100	4000	27700
Barium	2000		186	310	370	91	240
Beryllium	4		<3.00	3.0	4.00	<3.0	3.00
Cadmium	5		<10.0	11	<10.0	<10	<10.0
Calcium	NA		<100	190000	35300	120000	<1000
Chromium	100		<50.0	<50	<50.0	<50	<50.0
Cobalt	NA		<50.0	<50	<50.0	<50	<50.0
Copper	NA		<50.0	<50	<50.0	<50	<50.0
Iron	NA		6410	70000	98700	8300	61700
Magnesium	NA		6510	27000	32300	11000	16300
Manganese	NA		625	1700	3080	450	2520
Nickel	100		<50.0	57	80.0	<50	62.0
Potassium	NA		1210	7600	9260	11000	7930
Sodium	NA		25900	25000	26000	38000	32000
Vanadium	NA		<50.0	100	160	<50	100
Zinc	NA		<10.0	110	137	190	136
ARSENIC, TOTAL BY GFAA/SW 7060 (ug/L)							
Arsenic	50		<5.00	<5.0	<5.00	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (ug/L)							
Lead	15		8.12	25	40.6	<5.0	34.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
Benzene	5		<5.00				
Ethylbenzene	700		<5.00				
Methylene chloride	5		<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)							
1,1-Dichloroethane	10200		-	<0.50	<0.500	<0.50	<0.500
1,1-Dichloroethene	7		-	<0.50	<0.500	<0.50	<0.500
Benzene	5		-	<0.50	<0.500	<0.50	<0.500
Chloroform	100		-	<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		-	<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		-	1.7 JB	<2.00	1.4 JB	<2.00
Tetrachloroethene	5		-	<0.50	<0.500	<0.50	<0.500
Toluene	1000		-	0.44 JQ	<0.500	0.57	<0.500
Trichloroethene	5		-	<0.50	<0.500	<0.50	<0.500
Xylenes (total)	10000		-	<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		-	<0.50	<0.500	<0.50	<0.500

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	SD13-07	P3A	P3A	T3	T3
		Sample Date :	16-JUL-95	11-APR-95	15-JUL-95	11-APR-95	14-JUL-95
		Notes:					
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)			-	-	-	-	-
2-Methylnaphthalene	NA		57.0	<11	<10.8	<12	<10.3
Acenaphthene	6130		2.53 JQ	<11	<10.8	<12	<10.3
Acenaphthylene	NA		<11.4	<11	<10.8	<12	<10.3
Butyl benzyl phthalate	NA		<11.4	<11	1.80 JQ	<12	6.32 JQ
Di-n-butylphthalate	10200		<11.4	<11	0.656 JQ	2.2 JQ	1.95 JH
Di-n-octylphthalate	2040		<11.4	<11	<10.8	<12	<10.3
Dibenzofuran	NA		3.07 JQ	<11	<10.8	<12	<10.3
Fluoranthene	4090		<11.4	<11	<10.8	<12	<10.3
Fluorene	4090		1.73 JQ	<11	<10.8	<12	<10.3
Naphthalene	4090		5.43 JQ	<11	<10.8	<12	<10.3
Phenanthrene	NA		<11.4	<11	<10.8	<12	<10.3
Phenol	61300		<11.4	<11	<10.8	<12	3.87 JQ
Pyrene	3070		<11.4	<11	<10.8	<12	<10.3
bis(2-Ethylhexyl)phthalate	20.4		8.33 JQ	<11	<10.8	<12	<10.3

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282314

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	T4A 12-APR-95	T4A 14-JUL-95	T7 11-APR-95	T7 15-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)						
Aluminum	NA		230000 J	72100	12000	89000
Barium	2000		2000 J	<200	120	575
Beryllium	4		30 J	<30.0	<3.0	52.0
Cadmium	5		94 J	16.0	<10	<100
Calcium	NA		8700000 J	<1000	190000	1460000
Chromium	100		340 J	<500	<50	<500
Cobalt	NA		280 J	123	<50	<500
Copper	NA		350 J	<500	<50	173
Iron	NA		520000 J	<500	54000	592000
Magnesium	NA		95000 J	<2500	13000	39900
Manganese	NA		23000 J	<100	2000	2540
Nickel	100		530 J	3470	<50	<500
Potassium	NA		33000 J	12500	7400	22600
Sodium	NA		16000 J	13900	30000	34500
Vanadium	NA		810 J	231	70	710
Zinc	NA		1200 J	1320	67	430
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)						
Arsenic	50		14 J	8.58	<5.0	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)						
Lead	15		270 J	95.0	16	130
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)						
Benzene	5					
Ethylbenzene	700					
Methylene chloride	5					
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 (µg/L)						
1,1-Dichloroethane	10200		<0.50	<0.500	<0.50	<0.500
1,1-Dichloroethene	7		<0.50	<0.500	<0.50	<0.500
Benzene	5		1.3	<0.500	<0.50	<0.500
Chloroform	100		<0.50	<0.500	<0.50	<0.500
Ethylbenzene	700		<0.50	<0.500	<0.50	<0.500
Methylene chloride	5		1.8 JB	3.15 JB	1.4 JB	<2.00
Tetrachloroethene	5		<0.50	<0.500	<0.50	<0.500
Toluene	1000		1.5	<0.500	<0.50	<0.500
Trichloroethene	5		27	49.7	<0.50	<0.500
Xylenes (total)	10000		<1.0	<1.00	<1.0	<1.00
cis-1,2-Dichloroethene	70		2.0	3.81	<0.50	<0.500

282315

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID :	T4A	T4A	T7	T7
		Sample Date :	12-APR-95	14-JUL-95	11-APR-95	15-JUL-95
		Notes:				
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
2-Methylnaphthalene	NA		<12	<10.3	<11	<10.5
Acenaphthene	6130		<12	<10.3	<11	<10.5
Acenaphthylene	NA		<12	<10.3	<11	<10.5
Butyl benzyl phthalate	NA		<12	7.24 JQ	<11	<10.5
Di-n-butylphthalate	10200		<12	<10.3	<11	<10.5
Di-n-octylphthalate	2040		<12	<10.3	<11	<10.5
Dibenzofuran	NA		<12	<10.3	<11	<10.5
Fluoranthene	4090		<12	<10.3	<11	<10.5
Fluorene	4090		<12	<10.3	<11	<10.5
Naphthalene	4090		<12	<10.3	<11	<10.5
Phenanthrene	NA		<12	<10.3	<11	<10.5
Phenol	61300		<12	<10.3	<11	<10.5
Pyrene	3070		<12	<10.3	<11	<10.5
bis(2-Ethylhexyl)phthalate	20.4		<12	<10.3	<11	<10.5

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282316

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	P6A 12-APR-95	P6A 13-JUL-95	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)						
Aluminum	NA		18000	34200	<500	<500
Barium	2000		160	249	300	244
Beryllium	4		<3.0	4.00	<3.0	<3.00
Cadmium	5		10	<10.0	<10	<10.0
Calcium	NA		630000	1170000	75000	74700
Chromium	100		<50	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50	<50.0
Copper	NA		<50	<50.0	<50	<50.0
Iron	NA		22000	47400	9000	7840
Magnesium	NA		11000	17800	20000	19800
Manganese	NA		1200	2310	630	621
Nickel	100		<50	79.0	<50	<50.0
Potassium	NA		3300	6450	2900	3440
Sodium	NA		39000	42800	130000	128000
Vanadium	NA		84	172	<50	<50.0
Zinc	NA		50	80.0	<10	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)						
Arsenic	50		<5.0	5.61	48	46.4
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)						
Lead	15		12	27.8	31	25.4
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)						
Benzene	5				5800	4480
Ethylbenzene	700				680	1110
Methylene chloride	5				<500	233 JQ
Toluene	1000				12000	12100
Trichloroethene	5				<500	<500
Xylenes (total)	10000				5800	7990
cis-1,2-Dichloroethene	70				<500	<500
trans-1,2-Dichloroethene	100				<500	<500
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)						
1,1-Dichloroethane	10200		0.41 JQ	0.377 JQ	-	-
1,1-Dichloroethene	7		0.95	0.852	-	-
Benzene	5		<0.50	<0.500	-	-
Chloroform	100		0.51	0.382 JQ	-	-
Ethylbenzene	700		<0.50	<0.500	-	-
Methylene chloride	5		1.7 JB	<2.00	-	-
Tetrachloroethene	5		0.28 JQ	0.328 JQ	-	-
Toluene	1000		<0.50	<0.500	-	-
Trichloroethene	5		0.80	0.807	-	-
Xylenes (total)	10000		<1.0	<1.00	-	-
cis-1,2-Dichloroethene	70		0.74	0.730	-	-

282317

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : Sample Date : Notes:	P6A 12-APR-95	P6A 13-JUL-95	LSA1628-1 01-JUN-95	LSA1628-1 16-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
2-Methylnaphthalene	NA		<10	<10.4	480	269 JQ
Acenaphthene	6130		<10	<10.4	<115	<516
Acenaphthylene	NA		<10	<10.4	<115	<516
Butyl benzyl phthalate	NA		<10	5.21 JQ	<115	331 JQ
Di-n-butylphthalate	10200		<10	<10.4	<115	<516
Di-n-octylphthalate	2040		<10	<10.4	17 JQ	<516
Dibenzofuran	NA		<10	<10.4	<115	<516
Fluoranthene	4090		<10	<10.4	4.5 JQ	<516
Fluorene	4090		<10	<10.4	<115	<516
Naphthalene	4090		<10	<10.4	800	559
Phenanthrene	NA		<10	<10.4	8.1 JQ	<516
Phenol	61300		<10	2.88 JQ	<115	<516
Pyrene	3070		<10	<10.4	<115	<516
bis(2-Ethylhexyl)phthalate	20.4		<10	<10.4	<115	2270

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282218

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)						
Aluminum	NA		<500	<500	<500	<500
Barium	2000		670	500	390	412
Beryllium	4		<3.0	<3.00	<3.0	<3.00
Cadmium	5		<10	<10.0	<10	<10.0
Calcium	NA		77000	68900	110000	112000
Chromium	100		<50	<50.0	<50	<50.0
Cobalt	NA		<50	<50.0	<50	<50.0
Copper	NA		<50	<50.0	<50	<50.0
Iron	NA		8200	7860	2800 JL	3820
Magnesium	NA		17000	16000	14000	14300
Manganese	NA		380	367	2800	2250
Nickel	100		<50	<50.0	<50	<50.0
Potassium	NA		1700	1380	1300	1390
Sodium	NA		180000	186000	57000	68700
Vanadium	NA		<50	<50.0	<50	<50.0
Zinc	NA		10	<10.0	13	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)						
Arsenic	50		39	50.3	16 JL	21.6
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)						
Lead	15		17	<5.00	<5.0	<5.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)						
Benzene	5		1400	1810	<10	3.85 JQ
Ethylbenzene	700		210	231	<10	3.21 JQ
Methylene chloride	5		<50	25.7 JQ	<10	18.0
Toluene	1000		18 JQ	13.9 JQ	<10	8.57
Trichloroethene	5		54	<50.0	390 J	82.3
Xylenes (total)	10000		260	257	<10	8.53
cis-1,2-Dichloroethene	70		<50	12.2 JQ	62	16.3
trans-1,2-Dichloroethene	100		33 JQ	29.3 JQ	17	9.01
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)						
1,1-Dichloroethane	10200		-	-	-	-
1,1-Dichloroethene	7		-	-	-	-
Benzene	5		-	-	-	-
Chloroform	100		-	-	-	-
Ethylbenzene	700		-	-	-	-
Methylene chloride	5		-	-	-	-
Tetrachloroethene	5		-	-	-	-
Toluene	1000		-	-	-	-
Trichloroethene	5		-	-	-	-
Xylenes (total)	10000		-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-

282319

TABLE F

POSITIVE RESULTS SUMMARY TABLE
FIRST AND SECOND QUARTERS
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	MCL/MSC	Sample ID : / Sample Date : / Notes:	LSA1628-2 01-JUN-95	LSA1628-2 16-JUL-95	LSA1628-3 01-JUN-95	LSA1628-3 16-JUL-95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)						
2-Methylnaphthalene	NA		2100	404 JQ	<11	<10.3
Acenaphthene	6130		110 JQ	<521	<11	<10.3
Acenaphthylene	NA		<544	<521	<11	<10.3
Butyl benzyl phthalate	NA		<544	332 JQ	<11	8.82 JQ
Di-n-butylphthalate	10200		<544	<521	0.57 JB	<10.3
Di-n-octylphthalate	2040		<544	<521	<11	<10.3
Dibenzofuran	NA		<544	<521	<11	<10.3
Fluoranthene	4090		<544	<521	<11	<10.3
Fluorene	4090		120 JQ	<521	<11	<10.3
Naphthalene	4090		1400	205 JQ	<11	<10.3
Phenanthrene	NA		<544	<521	<11	<10.3
Phenol	61300		<544	<521	<11	<10.3
Pyrene	3070		<544	<521	<11	<10.3
bis(2-Ethylhexyl)phthalate	20.4		<544	2330	<11	2.52 JQ

Data Qualification Flags/Notes:
MCL/MSC = Maximum Contaminant Level/Medium-Specific Concentration
NA = Not available
J = Estimated quantitation 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 are above MCL/MSC

282320

282321

TAB

APPENDIX G

APPENDIX G

MS/MSD RESULTS

APPENDIX G-1

FIRST QUARTER MS/MSD RESULTS

Sample Identification

FT09-12BMS
FT09-12BMSD

GMI22-08MS
GMI22-08MSD

LF04-4EMS
LF04-4EMSD

LSA1628-3MS
LSA1628-3MSD

OT15CMS
OT15CMSD

SD13-03MS
SD13-03MSD

SD13-05MS
SD13-05MSD

ST14-W09MS
ST14-W09MSD

ST14-W19MS
ST14-W19MSD

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70208

Matrix Spike - Lab ID No.: FT09-12B/AA70210 Level: (low/med) LOW

FT09-12BMS/AA70208 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000.00	0.00	2327.00	116	75 - 125
Antimony	500.00	0.00	498.00	100	75 - 125
Arsenic	2000.00	0.00	2008.00	100	75 - 125
Barium	2000.00	138.00	2093.00	98	75 - 125
Beryllium	50.00	0.00	48.00	96	75 - 125
Cadmium	50.00	0.00	54.00	108	75 - 125
Calcium					
Chromium	200.00	0.00	201.00	101	75 - 125
Cobalt	500.00	0.00	510.00	102	75 - 125
Copper	250.00	0.00	251.00	100	75 - 125
Iron	1000.00	1201.00	2809.00	161 *	75 - 125
Lead	500.00	0.00	498.00	100	75 - 125
Magnesium					
Manganese	500.00	631.00	1224.00	119	75 - 125
Molybdenum	500.00	0.00	482.00	96	75 - 125
Nickel	500.00	0.00	506.00	101	75 - 125
Potassium					
Selenium	2000.00	0.00	1886.00	94	75 - 125
Silver	100.00	0.00	105.00	105	75 - 125
Sodium					
Thallium	2000.00	0.00	2061.00	103	75 - 125
Vanadium	500.00	0.00	501.00	100	75 - 125
Zinc	500.00	0.00	496.00	99	75 - 125

Spike Recovery: 1 out of 23 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

282325

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70208

Matrix Spike - Lab ID No.: FT09-12B/AA70210 Level: (low/med) LOW

FT09-12BMSD/AA70209 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Aluminum	2000.00	2230.00	112		4	20	75 - 125
Antimony	500.00	490.00	98		2	20	75 - 125
Arsenic	2000.00	2005.00	100		0	20	75 - 125
Barium	2000.00	2063.00	98		2	20	75 - 125
Beryllium	50.00	47.00	94		2	20	75 - 125
Cadmium	50.00	53.00	106		2	20	75 - 125
Calcium							
Chromium	200.00	197.00	99		2	20	75 - 125
Cobalt	500.00	504.00	101		1	20	75 - 125
Copper	250.00	251.00	100		0	20	75 - 125
Iron	1000.00	2909.00	171	*	6	20	75 - 125
Lead	500.00	502.00	100		1	20	75 - 125
Magnesium							
Manganese	500.00	1300.00	134	*	12	20	75 - 125
Molybdenum	500.00	476.00	95		1	20	75 - 125
Nickel	500.00	504.00	101		0	20	75 - 125
Potassium							
Selenium	2000.00	1882.00	94		0	20	75 - 125
Silver	100.00	105.00	105		0	20	75 - 125
Sodium							
Thallium	2000.00	1960.00	98		5	20	75 - 125
Vanadium	500.00	498.00	100		1	20	75 - 125
Zinc	500.00	499.00	100		1	20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 0 out of 23 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

iwm1861

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70208

Sample No.: FT09-12B/AA70210 Level: (low/med) LOW

FT09-12BMS/AA70208 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	42.90	86		75 - 125
Lead (EPA 7421)	50.00	0.00	48.10	96		75 - 125
Selenium (EPA 7740)	50.00	0.00	43.20	86		75 - 125
Thallium (EPA 7841)	50.00	0.00	44.70	89		75 - 125

FT09-12BMSD/AA70209 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	REC.
Arsenic (EPA 7060)	50.00	48.00	96		11		20	75 - 125
Lead (EPA 7421)	50.00	48.00	96		0.2		20	75 - 125
Selenium (EPA 7740)	50.00	42.90	86		0.7		20	75 - 125
Thallium (EPA 7841)	50.00	44.50	89		0.4		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 4 outside limits.
Spike Recovery: 0 out of 8 outside limits.

fwmC33

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70208

Sample No.: FT09-12B/AA70210 Level: (low/med) LOW

FT09-12BMS/AA70208 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.88	88		75 - 125

FT09-12BMSD/AA70209 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Mercury	1.00	0.90	90		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 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0375

3 - 8260

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70208

Sample No.: FT09-12B/AA70210 Level:(low/med)LOW

FT09-12B MS/AA70208 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	10.00	0.37	10.78	104	68 - 124
Chlorobenzene	10.00	0.00	9.93	99	73 - 127
Chloroform	10.00	0.00	10.36	104	63 - 117
Dibromochloromethane	10.00	0.00	9.44	94	64 - 120
1,1-Dichloroethene	10.00	0.00	10.59	106	69 - 122
Ethylbenzene	10.00	0.00	9.90	99	72 - 125
Tetrachloroethene	10.00	7.79	15.90	81	66 - 116
Toluene	10.00	0.00	10.38	104	73 - 122
1,1,1-Trichloroethane	10.00	0.00	11.20	112	69 - 127
Trichloroethene	10.00	13.61	23.61	100	76 - 117

FT09-12B MSD/AA70209 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	10.00	11.00	106	2	40	68 - 124
Chlorobenzene	10.00	10.02	100	1	40	73 - 127
Chloroform	10.00	9.91	99	4	40	63 - 117
Dibromochloromethane	10.00	10.28	103	9	40	64 - 120
1,1-Dichloroethene	10.00	10.11	101	5	40	69 - 122
Ethylbenzene	10.00	9.92	99	0	40	72 - 125
Tetrachloroethene	10.00	15.85	81	1	40	66 - 116
Toluene	10.00	10.64	106	2	40	73 - 122
1,1,1-Trichloroethane	10.00	10.46	105	7	40	69 - 127
Trichloroethene	10.00	23.39	98	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: 0 out of 20 outside limits.
vmw_C33

282329

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-2564

Lab Code: LENL-P Case No.: 11564 SDG No.: 70208

Sample No.: FT09-12B/AA70210 Level:(low/med) LOW

FT09-12BMS/AA70208 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	112	0	70.10	62		47 - 136
Benzo(a)anthracene	112	0	76.02	68		48 - 139
Benzo(a)pyrene	112	0	92.81	83		17 - 156
bis(2-Chloroethoxy)methane	112	0	80.86	72		33 - 154
Butyl benzyl phthalate	112	0	75.62	67		36 - 152
4-Chloro-3-methylphenol	169	0	120.91	72		44 - 136
2-Chlorophenol	169	0	126.60	75		28 - 134
1,4-Dichlorobenzene	112	0	67.26	60		20 - 124
2,4-Dinitrotoluene	112	0	65.66	58		44 - 135
Hexachlorobenzene	112	0	75.65	67		34 - 152
Naphthalene	112	0	79.30	71		42 - 128
4-Nitrophenol	169	0	225.81	134	*	D - 132
N-Nitroso-di-n-propylamine	112	0	82.15	73		30 - 144
Pentachlorophenol	169	0	108.19	64		14 - 176
Phenol	169	0	81.25	48		19 - 112
Pyrene	112	0	77.41	69		52 - 115
1,2,4-Trichlorobenzene	112	0	76.78	68		44 - 124

FT09-12BMSD/AA70209 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	115	75.51	66	5		40	47 - 136
Benzo(a)anthracene	115	82.91	72	6		40	48 - 139
Benzo(a)pyrene	115	93.91	82	1		40	17 - 156
bis(2-Chloroethoxy)methane	115	83.21	72	1		40	33 - 154
Butyl benzyl phthalate	115	82.23	72	6		40	36 - 152
4-Chloro-3-methylphenol	172	124.20	72	0		40	44 - 136
2-Chlorophenol	172	127.85	74	1		40	28 - 134
1,4-Dichlorobenzene	115	67.81	59	1		40	20 - 124
2,4-Dinitrotoluene	115	72.59	63	8		40	44 - 135
Hexachlorobenzene	115	81.35	71	5		40	34 - 152
Naphthalene	115	79.57	69	2		40	42 - 128
4-Nitrophenol	172	326.35	189	34	*	40	D - 132
N-Nitroso-di-n-propylamine	115	82.07	71	2		40	30 - 144
Pentachlorophenol	172	121.58	71	9		40	14 - 176
Phenol	172	93.97	55	12		40	19 - 112
Pyrene	115	85.98	75	8		40	52 - 115
1,2,4-Trichlorobenzene	115	77.79	68	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: 2 out of 34 outside limits.
sms6397

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Matrix Spike - Lab ID No.: GMI22-08M/AA70112 Level: (low/med) LOW

GMI22-08MMS/AA70113 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000.00	3407.00	9059.00	283	*	75 - 125
Antimony	500.00	0.00	457.00	91		75 - 125
Arsenic	2000.00	0.00	2025.00	101		75 - 125
Barium	2000.00	99.00	2099.00	100		75 - 125
Beryllium	50.00	0.00	48.00	96		75 - 125
Cadmium	50.00	0.00	54.00	108		75 - 125
Calcium						
Chromium	200.00	0.00	208.00	104		75 - 125
Cobalt	500.00	0.00	508.00	102		75 - 125
Copper	250.00	0.00	252.00	101		75 - 125
Iron	1000.00	6060.00	12868.00	681	*	75 - 125
Lead	500.00	0.00	515.00	103		75 - 125
Magnesium						
Manganese	500.00	382.00	1296.00	183	*	75 - 125
Molybdenum	500.00	0.00	497.00	99		75 - 125
Nickel	500.00	0.00	527.00	105		75 - 125
Potassium						
Selenium	2000.00	0.00	1836.00	92		75 - 125
Silver	100.00	0.00	103.00	103		75 - 125
Sodium						
Thallium	2000.00	0.00	2041.00	102		75 - 125
Vanadium	500.00	0.00	510.00	102		75 - 125
Zinc	500.00	11.00	516.00	101		75 - 125

Spike Recovery: 3 out of 23 outside limits.

The following analytes are not included in the ICP spike solution:

Calcium Magnesium
Potassium Sodium

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Matrix Spike - Lab ID No.: GMI22-08M/AA70112 Level: (low/med) LOW

GMI22-08MMSD/AA70114 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	[illegible]	187	*	41	*	20	75 - 125
Antimony	500.00	464.00	93		2		20	75 - 125
Arsenic	2000.00	2017.00	101		0		20	75 - 125
Barium	2000.00	2064.00	98		2		20	75 - 125
Beryllium	50.00	48.00	96		0		20	75 - 125
Cadmium	50.00	53.00	106		2		20	75 - 125
Calcium								
Chromium	200.00	198.00	99		5		20	75 - 125
Cobalt	500.00	511.00	102		1		20	75 - 125
Copper	250.00	249.00	100		1		20	75 - 125
Iron	1000.00	[illegible]	430	*	45	*	20	75 - 125
Lead	500.00	514.00	103		0		20	75 - 125
Magnesium								
Manganese	500.00	1045.00	133	*	32	*	20	75 - 125
Molybdenum	500.00	490.00	98		1		20	75 - 125
Nickel	500.00	518.00	104		2		20	75 - 125
Potassium								
Selenium	2000.00	1864.00	93		2		20	75 - 125
Silver	100.00	102.00	102		1		20	75 - 125
Sodium								
Thallium	2000.00	2101.00	105		3		20	75 - 125
Vanadium	500.00	496.00	100		2		20	75 - 125
Zinc	500.00	504.00	99		2		20	75 - 125

Spike Recovery: 3 out of 23 outside limits.
RPD: 3 out of 23 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

iwm1868

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Sample No.: GMI22-08M/AA70112 Level: (low/med) LOW

GMI22-08MMS/AA70113 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	36.50	73	*	75 - 125
Lead (EPA 7421)	50.00	0.00	60.20	120		75 - 125
Selenium (EPA 7740)	50.00	0.00	39.40	79		75 - 125
Thallium (EPA 7841)	50.00	0.00	42.70	85		75 - 125

GMI22-08MMSD/AA70114 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	REC.
Arsenic (EPA 7060)	50.00	69.00	138	*	62	*	20	75 - 125
Lead (EPA 7421)	50.00	59.80	120		0.7		20	75 - 125
Selenium (EPA 7740)	50.00	41.10	82		4.2		20	75 - 125
Thallium (EPA 7841)	50.00	47.20	94		10		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 1 out of 4 outside limits.
Spike Recovery: 2 out of 8 outside limits.

fwmc32

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Sample No.: GMI22-08M/AA70112 Level: (low/med) LOW

GMI22-08MMS/AA70113 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.99	99		75 - 125

GMI22-08MMSD/AA70113 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.98	98		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.

hgwm0376

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3617

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70111

Sample No.: GMI22-08M/AA70112 Level:(low/med)LOW

GMI22-08M MS/AA70113 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	10.00	0.00	9.73	97	66 - 124
Chlorobenzene	10.00	0.00	9.98	100	73 - 127
Chloroform	10.00	0.00	10.17	102	63 - 117
Dibromochloromethane	10.00	0.00	8.59	86	64 - 120
1,1-Dichloroethene	10.00	0.00	11.16	112	69 - 122
Ethylbenzene	10.00	0.00	9.87	99	72 - 125
Tetrachloroethene	10.00	0.00	9.67	97	66 - 116
Toluene	10.00	0.00	9.63	96	73 - 122
1,1,1-Trichloroethane	10.00	0.00	10.69	107	69 - 127
Trichloroethene	10.00	0.00	9.84	98	76 - 117

GMI22-08M MSD/AA70114 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	10.00	9.84	98	1	40	66 - 124
Chlorobenzene	10.00	9.75	98	2	40	73 - 127
Chloroform	10.00	9.45	95	7	40	63 - 117
Dibromochloromethane	10.00	9.44	94	9	40	64 - 120
1,1-Dichloroethene	10.00	10.04	100	11	40	69 - 122
Ethylbenzene	10.00	9.55	96	3	40	72 - 125
Tetrachloroethene	10.00	9.82	98	2	40	66 - 116
Toluene	10.00	9.74	97	1	40	73 - 122
1,1,1-Trichloroethane	10.00	9.88	99	8	40	69 - 127
Trichloroethene	10.00	9.85	99	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.

vmw_C32

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

282335

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70011

Sample No.: GMI22-08M/AA70112 Level:(low/med) LOW

GMI22-08M MS/AA70113 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	139	0	108.59	78		47 - 136
Benzo(a)anthracene	139	0	120.62	87		48 - 139
Benzo(a)pyrene	139	0	114.50	82		17 - 156
bis(2-Chloroethoxy)methane	139	0	101.90	73		33 - 154
Butyl benzyl phthalate	139	0	122.86	88		36 - 152
4-Chloro-3-methylphenol	208	0	162.05	78		44 - 136
2-Chlorophenol	208	0	149.85	72		28 - 134
1,4-Dichlorobenzene	139	0	80.74	58		20 - 124
2,4-Dinitrotoluene	139	0	108.73	78		44 - 135
Hexachlorobenzene	139	0	114.02	82		34 - 152
Naphthalene	139	0	97.31	70		42 - 128
4-Nitrophenol	208	0	375.64	180	*	D - 132
N-Nitroso-di-n-propylamine	139	0	97.16	70		30 - 144
Pentachlorophenol	208	0	175.44	84		14 - 176
Phenol	208	0	85.56	41		19 - 112
Pyrene	139	0	114.94	83		52 - 115
1,2,4-Trichlorobenzene	139	0	91.27	66		44 - 124

GMI22-08M MSD/AA70114 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	119	86.43	73	7		40	47 - 136
Benzo(a)anthracene	119	102.71	86	1		40	48 - 139
Benzo(a)pyrene	119	50.98	43	63	*	40	17 - 156
bis(2-Chloroethoxy)methane	119	88.50	74	1		40	33 - 154
Butyl benzyl phthalate	119	106.65	90	1		40	36 - 152
4-Chloro-3-methylphenol	179	123.52	69	12		40	44 - 136
2-Chlorophenol	179	116.38	65	10		40	28 - 134
1,4-Dichlorobenzene	119	67.96	57	2		40	20 - 124
2,4-Dinitrotoluene	119	93.51	79	0		40	44 - 135
Hexachlorobenzene	119	99.20	83	2		40	34 - 152
Naphthalene	119	85.76	72	3		40	42 - 128
4-Nitrophenol	179	326.85	183	2	*	40	D - 132
N-Nitroso-di-n-propylamine	119	87.31	73	5		40	30 - 144
Pentachlorophenol	179	148.80	83	1		40	14 - 176
Phenol	179	57.85	32	24		40	19 - 112
Pyrene	119	98.71	83	0		40	52 - 115
1,2,4-Trichlorobenzene	119	77.91	65	0		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.

smw_C32

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 69623

Matrix Spike - Lab ID No.: LF04-4E/AA69625 Level: (low/med) LOW

LF04-4EMS/AA69626 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000.00	6223.00	6604.00	19	*	75 - 125
Antimony	500.00	0.00	432.00	86		75 - 125
Arsenic	2000.00	0.00	1980.00	99		75 - 125
Barium	2000.00	166.00	2103.00	97		75 - 125
Beryllium	50.00	0.00	48.00	96		75 - 125
Cadmium	50.00	0.00	55.00	110		75 - 125
Calcium						
Chromium	200.00	0.00	203.00	102		75 - 125
Cobalt	500.00	0.00	497.00	99		75 - 125
Copper	250.00	0.00	252.00	101		75 - 125
Iron	1000.00	11405.00	10790.00	(62)	*	75 - 125
Lead	500.00	0.00	495.00	99		75 - 125
Magnesium						
Manganese	500.00	1231.00	1644.00	83		75 - 125
Molybdenum	500.00	0.00	485.00	97		75 - 125
Nickel	500.00	0.00	511.00	102		75 - 125
Potassium						
Selenium	2000.00	0.00	1832.00	92		75 - 125
Silver	100.00	0.00	101.00	101		75 - 125
Sodium						
Thallium	2000.00	0.00	2039.00	102		75 - 125
Vanadium	500.00	0.00	504.00	101		75 - 125
Zinc	500.00	20.00	498.00	96		75 - 125

Spike Recovery: 2 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 69623

Matrix Spike - Lab ID No.: LF04-4E/AA69625 Level: (low/med) LOW

LF04-4EMSD/AA69627 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	9115.00	145	*	153	*	20	75 - 125
Antimony	500.00	479.00	96		10		20	75 - 125
Arsenic	2000.00	1972.00	99		0		20	75 - 125
Barium	2000.00	2156.00	100		3		20	75 - 125
Beryllium	50.00	50.00	100		4		20	75 - 125
Cadmium	50.00	56.00	112		2		20	75 - 125
Calcium								
Chromium	200.00	210.00	105		3		20	75 - 125
Cobalt	500.00	517.00	103		4		20	75 - 125
Copper	250.00	259.00	104		3		20	75 - 125
Iron	1000.00	10736.00	(67)	*	(8)		20	75 - 125
Lead	500.00	512.00	102		3		20	75 - 125
Magnesium								
Manganese	500.00	1646.00	83		0		20	75 - 125
Molybdenum	500.00	522.00	104		7		20	75 - 125
Nickel	500.00	537.00	107		5		20	75 - 125
Potassium								
Selenium	2000.00	1878.00	94		2		20	75 - 125
Silver	100.00	105.00	105		4		20	75 - 125
Sodium								
Thallium	2000.00	2033.00	102		0		20	75 - 125
Vanadium	500.00	526.00	105		4		20	75 - 125
Zinc	500.00	524.00	101		5		20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 1 out of 23 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

iwm1817

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 69623

Sample No.: LF04-4E/AA69625 Level: (low/med) LOW

LF04-4EMS/AA69626 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	25.50	51	*	75 - 125
Lead (EPA 7421)	50.00	0.00	54.70	109		75 - 125
Selenium (EPA 7740)	50.00	0.00	43.40	87		75 - 125
Thallium (EPA 7841)	50.00	0.00	56.70	113		75 - 125

LF04-4EMSD/AA69627 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	30.50	61	*	18		20	75 - 125
Lead (EPA 7421)	50.00	53.30	107		2.6		20	75 - 125
Selenium (EPA 7740)	50.00	42.90	86		1.2		20	75 - 125
Thallium (EPA 7841)	50.00	57.90	116		2.1		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.

fwmC28

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-2564

Lab Code: LENL-P Case No.: 11564 SDG No.: 69623

Sample No.: LF04-4E/AA69625 Level: (low/med) LOW

LF04-4EMS/AA69626 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	1.57	2.26	69	*	75 - 125

LF04-4EMSD/AA69627 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	1.94	37	*	60	*	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 1 out of 1 outside limits.
Spike Recovery: 2 out of 2 outside limits.

hgwm0371

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 69623

Sample No.: LF04-4E/AA69625 Level:(low/med)LOW

LF04-4EMS/AA69626 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	500.00	0.00	523.70	105	68 - 124
Chlorobenzene	500.00	0.00	529.20	106	73 - 127
Chloroform	500.00	0.00	517.30	103	63 - 117
Dibromochloromethane	500.00	0.00	518.90	104	64 - 120
1,1-Dichloroethene	500.00	0.00	478.70	96	69 - 122
Ethylbenzene	500.00	0.00	525.80	105	72 - 125
Tetrachloroethene	500.00	0.00	505.30	101	66 - 116
Toluene	500.00	0.00	520.10	104	73 - 122
1,1,1-Trichloroethane	500.00	0.00	590.10	118	69 - 127
Trichloroethene	500.00	1500.00	1950.10	90	76 - 117

LF04-4EMSD/AA69627 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	500.00	511.30	102	2	40	68 - 124
Chlorobenzene	500.00	533.30	107	1	40	73 - 127
Chloroform	500.00	507.90	102	2	40	63 - 117
Dibromochloromethane	500.00	544.60	109	5	40	64 - 120
1,1-Dichloroethene	500.00	480.70	96	0	40	69 - 122
Ethylbenzene	500.00	523.10	105	1	40	72 - 125
Tetrachloroethene	500.00	497.00	99	2	40	66 - 116
Toluene	500.00	521.70	104	0	40	73 - 122
1,1,1-Trichloroethane	500.00	507.50	102	15	40	69 - 127
Trichloroethene	500.00	1975.20	95	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: 0 out of 20 outside limits.
vmw_C28

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: LF04-4E/AA69626 Level:(low/med) LOW

LF04-4EMS/AA69626 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	121	0	103.23	86		47 - 136
Benzo(a)anthracene	121	0	110.74	92		48 - 139
Benzo(a)pyrene	121	0	132.41	110		17 - 158
bis(2-Chloroethoxy)methane	121	0	97.27	81		33 - 154
Butyl benzyl phthalate	121	0	110.53	92		36 - 152
4-Chloro-3-methylphenol	181	0	124.10	69		44 - 136
2-Chlorophenol	181	0	118.76	66		28 - 134
1,4-Dichlorobenzene	121	0	90.95	75		20 - 124
2,4-Dinitrotoluene	121	0	97.34	81		44 - 135
Hexachlorobenzene	121	0	111.27	92		34 - 152
Naphthalene	121	0	95.69	79		42 - 128
4-Nitrophenol	181	0	182.81	101		D - 132
N-Nitroso-di-n-propylamine	121	0	100.52	83		30 - 144
Pentachlorophenol	181	0	170.84	94		14 - 176
Phenol	181	0	102.51	57		19 - 112
Pyrene	121	0	109.67	91		52 - 115
1,2,4-Trichlorobenzene	121	0	96.50	80		44 - 124

LF04-4EMSD/AA69627 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	127	106.84	84	2		40	47 - 136
Benzo(a)anthracene	127	110.37	87	5		40	48 - 139
Benzo(a)pyrene	127	27.42	22	134	*	40	17 - 158
bis(2-Chloroethoxy)methane	127	103.29	82	1		40	33 - 154
Butyl benzyl phthalate	127	110.29	87	5		40	36 - 152
4-Chloro-3-methylphenol	190	139.92	74	7		40	44 - 136
2-Chlorophenol	190	113.60	60	9		40	28 - 134
1,4-Dichlorobenzene	127	96.74	76	1		40	20 - 124
2,4-Dinitrotoluene	127	98.89	77	5		40	44 - 135
Hexachlorobenzene	127	115.13	91	2		40	34 - 152
Naphthalene	127	99.99	79	1		40	42 - 128
4-Nitrophenol	190	201.40	106	5		40	D - 132
N-Nitroso-di-n-propylamine	127	106.83	84	1		40	30 - 144
Pentachlorophenol	190	179.76	95	0		40	14 - 176
Phenol	190	121.17	64	12		40	19 - 112
Pyrene	127	123.74	98	7		40	52 - 115
1,2,4-Trichlorobenzene	127	101.34	80	0		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.
smw_C28

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 72683

Matrix Spike - Lab ID No.: LSA1628-3\AA72685 Level: (low/med) LOW

LSA1628-3MS/AA72686 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000.00	385.00	2190	90		75 - 125
Antimony	500.00	0.00	507	101		75 - 125
Arsenic	2000.00	0.00	2050	103		75 - 125
Barium	2000.00	385.00	2320	97		75 - 125
Beryllium	50.00	0.00	50.0	100		75 - 125
Cadmium	50.00	3.00	53.0	100		75 - 125
Calcium						
Chromium	200.00	0.00	193	97		75 - 125
Cobalt	500.00	0.00	524	105		75 - 125
Copper	250.00	0.00	255	102		75 - 125
Iron	1000.00	2820.00	2440	(38)	*	75 - 125
Lead	500.00	0.00	520	104		75 - 125
Magnesium						
Manganese	500.00	2830.00	2750	(16)	*	75 - 125
Molybdenum	500.00	0.00	520	104		75 - 125
Nickel	500.00	0.00	516	103		75 - 125
Potassium						
Selenium	2000.00	0.00	1630	82		75 - 125
Silver	100.00	0.00	103	103		75 - 125
Sodium						
Thallium	2000.00	0.00	2160	108		75 - 125
Vanadium	500.00	0.00	509	102		75 - 125
Zinc	500.00	13.00	490	95		75 - 125

Spike Recovery: 2 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG NO.: 72683

Matrix Spike - Lab ID No.: LSA1628-3\AA72685 Level: (low/med) LOW

LSA1628-3MSD/AA72687 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	2260	94		4		20	75 - 125
Antimony	500.00	507	101		0		20	75 - 125
Arsenic	2000.00	2050	103		0		20	75 - 125
Barium	2000.00	2350	98		2		20	75 - 125
Beryllium	50.00	49.0	98		2		20	75 - 125
Cadmium	50.00	52.0	98		2		20	75 - 125
Calcium								
Chromium	200.00	201	101		4		20	75 - 125
Cobalt	500.00	517	103		1		20	75 - 125
Copper	250.00	251	100		2		20	75 - 125
Iron	1000.00	3030	21	*	694	*	20	75 - 125
Lead	500.00	502	100		4		20	75 - 12'
Magnesium								
Manganese	500.00	3050	44	*	429	*	20	75 - 125
Molybdenum	500.00	506	101		3		20	75 - 125
Nickel	500.00	507	101		2		20	75 - 125
Potassium								
Selenium	2000.00	1860	93		13		20	75 - 125
Silver	100.00	101	101		2		20	75 - 125
Sodium								
Thallium	2000.00	2140	107		1		20	75 - 125
Vanadium	500.00	497	99		2		20	75 - 125
Zinc	500.00	489	95		0		20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 2 out of 23 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

iwm2023

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 72683

Sample No.: LSA1628-3/AA72685 Level: (low/med) LOW

LSA1628-3MS/AA72686 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	16.1	53.0	74	*	75 - 125
Lead (EPA 7421)	50.0	0.00	54.5	109		75 - 125
Selenium (EPA 7740)	50.0	0.00	40.9	82		75 - 125
Thallium (EPA 7841)	50.0	0.00	39.6	79		75 - 125

LSA1628-3MSD/AA72687 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	59.6	87		16		20	75 - 125
Lead (EPA 7421)	50.0	54.4	109		0		20	75 - 125
Selenium (EPA 7740)	50.0	42.5	85		4		20	75 - 125
Thallium (EPA 7841)	50.0	42.2	84		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 4 outside limits.
Spike Recovery: 1 out of 8 outside limits.

fwmc35

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 72683

Sample No.: LSA1628-3/AA72685 Level: (low/med) LOW

LSA1628-3MS/AA72686 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

LSA1628-3MSD/AA72687 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.960	96		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.

hgwm0397

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 72683

Sample No.: LSA1628-3/AA72685 Level:(low/med)LOW

LSA1628-3MS/AA72686 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	100	0.00	110	110	68 - 124
Chlorobenzene	100	0.00	109	109	73 - 127
Chloroform	100	0.00	109	109	63 - 117
Dibromochloromethane	100	0.00	105	105	64 - 120
1,1-Dichloroethene	100	0.00	108	108	69 - 122
Ethylbenzene	100	0.00	110	110	72 - 125
Tetrachloroethene	100	0.00	108	108	66 - 116
Toluene	100	0.00	108	108	73 - 122
1,1,1-Trichloroethane	100	0.00	108	108	69 - 127
Trichloroethene	100	390	488	98	76 - 117

LSA1628-3MSD/AA72687 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC. #	% RPD #	RPD	REC
Benzene	100	106	106	3	40	68 - 124
Chlorobenzene	100	107	107	2	40	73 - 127
Chloroform	100	108	108	1	40	63 - 117
Dibromochloromethane	100	107	107	2	40	64 - 120
1,1-Dichloroethene	100	106	106	2	40	69 - 122
Ethylbenzene	100	108	108	2	40	72 - 125
Tetrachloroethene	100	107	107	1	40	66 - 116
Toluene	100	108	108	0	40	73 - 122
1,1,1-Trichloroethane	100	104	104	5	40	69 - 127
Trichloroethene	100	568	178 *	57 *	40	76 - 117

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits.
RPD: 1 out of 10 outside limits.
Spike Recovery: 1 out of 20 outside limits.
VWM0715

3 - 8270

SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 72683

Sample No.: LSA1628-3/AA72685 Level:(low/med) LOW

LSA1628-3MS/AA72686 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	125	0	101	81		47 - 136
Benzo(a)anthracene	125	0	116	93		48 - 139
Benzo(a)pyrene	125	0	102	82		17 - 156
bis(2-Chloroethoxy)methane	125	0	99.8	80		33 - 154
Butyl benzyl phthalate	125	0	109	87		36 - 152
4-Chloro-3-methylphenol	188	0	160	85		44 - 136
2-Chlorophenol	188	0	140	75		28 - 134
1,4-Dichlorobenzene	125	0	78.4	63		20 - 124
2,4-Dinitrotoluene	125	0	105	84		44 - 135
Hexachlorobenzene	125	0	124	99		34 - 152
Naphthalene	125	0	84.7	68		42 - 128
4-Nitrophenol	188	0	201	107		D - 132
N-Nitroso-di-n-propylamine	125	0	111	89		30 - 144
Pentachlorophenol	188	0	186	99		14 - 176
Phenol	188	0	127	68		19 - 112
Pyrene	125	0	135	108		52 - 115
1,2,4-Trichlorobenzene	125	0	93.8	75		44 - 124

LSA1628-3MSD/AA72687 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	108	89.2	83	2		40	47 - 136
Benzo(a)anthracene	108	103	95	3		40	48 - 139
Benzo(a)pyrene	108	88.7	82	1		40	17 - 156
bis(2-Chloroethoxy)methane	108	88.2	82	2		40	33 - 154
Butyl benzyl phthalate	108	98.0	91	4		40	36 - 152
4-Chloro-3-methylphenol	162	144	89	4		40	44 - 136
2-Chlorophenol	162	124	77	2		40	28 - 134
1,4-Dichlorobenzene	108	71.6	66	6		40	20 - 124
2,4-Dinitrotoluene	108	93.9	87	3		40	44 - 135
Hexachlorobenzene	108	109	101	2		40	34 - 152
Naphthalene	108	75.9	70	4		40	42 - 128
4-Nitrophenol	162	180	111	4		40	D - 132
N-Nitroso-di-n-propylamine	108	96.8	90	1		40	30 - 144
Pentachlorophenol	162	164	101	2		40	14 - 176
Phenol	162	111	69	1		40	19 - 112
Pyrene	108	127	118	9	*	40	52 - 115
1,2,4-Trichlorobenzene	108	84.8	79	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: 1 out of 34 outside limits.
sms6597

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Matrix Spike - Lab ID No.: OT15C/AA70076 Level: (low/med) LOW

OT15CMS/AA70077 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000.00	4084.00	6052.00	98	75 - 125
Antimony	500.00	0.00	476.00	95	75 - 125
Arsenic	2000.00	0.00	2064.00	103	75 - 125
Barium	2000.00	189.00	2154.00	98	75 - 125
Beryllium	50.00	0.00	48.00	96	75 - 125
Cadmium	50.00	0.00	53.00	106	75 - 125
Calcium					
Chromium	200.00	0.00	205.00	103	75 - 125
Cobalt	500.00	0.00	506.00	101	75 - 125
Copper	250.00	0.00	256.00	102	75 - 125
Iron	1000.00	3341.00	4163.00	82	75 - 125
Lead	500.00	0.00	511.00	102	75 - 125
Magnesium					
Manganese	500.00	330.00	811.00	96	75 - 125
Molybdenum	500.00	0.00	498.00	100	75 - 125
Nickel	500.00	0.00	521.00	104	75 - 125
Potassium					
Selenium	2000.00	0.00	1919.00	96	75 - 125
Silver	100.00	0.00	103.00	103	75 - 125
Sodium					
Thallium	2000.00	0.00	2010.00	101	75 - 125
Vanadium	500.00	0.00	503.00	101	75 - 125
Zinc	500.00	12.00	497.00	97	75 - 125

Spike Recovery: 0 out of 23 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

282349

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Matrix Spike - Lab ID No.: OT15C/AA70076 Level: (low/med) LOW

OT15CMSD/AA70078 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	5895.00	91		8		20	75 - 125
Antimony	500.00	487.00	97		2		20	75 - 125
Arsenic	2000.00	2116.00	106		2		20	75 - 125
Barium	2000.00	2217.00	101		3		20	75 - 125
Beryllium	50.00	50.00	100		4		20	75 - 125
Cadmium	50.00	57.00	114		7		20	75 - 125
Calcium								
Chromium	200.00	215.00	108		5		20	75 - 125
Cobalt	500.00	519.00	104		3		20	75 - 125
Copper	250.00	259.00	104		1		20	75 - 125
Iron	1000.00	4217.00	88		6		20	75 - 125
Lead	500.00	525.00	105		3		20	75 - 125
Magnesium								
Manganese	500.00	832.00	100		4		20	75 - 125
Molybdenum	500.00	520.00	104		4		20	75 - 125
Nickel	500.00	534.00	107		2		20	75 - 125
Potassium								
Selenium	2000.00	1960.00	98		2		20	75 - 125
Silver	100.00	104.00	104		1		20	75 - 125
Sodium								
Thallium	2000.00	2035.00	102		1		20	75 - 125
Vanadium	500.00	515.00	103		2		20	75 - 125
Zinc	500.00	509.00	99		2		20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 0 out of 23 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

iwm1875

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: OT15C/AA70076 Level: (low/med) LOW

OT15CMS/AA70077 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	44.10	88	75 - 125
Lead (EPA 7421)	50.00	0.00	52.10	104	75 - 125
Selenium (EPA 7740)	50.00	0.00	37.50	75	75 - 125
Thallium (EPA 7841)	50.00	0.00	44.40	89	75 - 125

OT15CMSD/AA70078 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	45.70	91		4	20	75 - 125
Lead (EPA 7421)	50.00	50.20	100		0	20	75 - 125
Selenium (EPA 7740)	50.00	39.50	79		5	20	75 - 125
Thallium (EPA 7841)	50.00	45.30	91		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.

fwmC31A

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: OT15C/AA70076 Level: (low/med) LOW

OT15CMS/AA70077 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.90	90		75 - 125

OT15CMSD/AA70078 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Mercury	1.00	0.90	90		0		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.

hgwm378B

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70061

Sample No.: OT15C/AA70076 Level:(low/med)LOW

OT15CMS/AA70077 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.00	0.00	9.89	99		68 - 124
Chlorobenzene	10.00	0.00	9.81	98		73 - 127
Chloroform	10.00	0.00	11.02	110		63 - 117
Dibromochloromethane	10.00	0.00	7.55	76		64 - 120
1,1-Dichloroethene	10.00	0.00	10.97	110		69 - 122
Ethylbenzene	10.00	0.00	10.17	102		72 - 125
Tetrachloroethene	10.00	0.00	12.20	122	*	66 - 116
Toluene	10.00	0.00	9.92	99		73 - 122
1,1,1-Trichloroethane	10.00	0.00	11.96	120		69 - 127
Trichloroethene	10.00	0.00	10.45	105		76 - 117

OT15CMSD/AA70078 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.00	9.80	98	1		40	68 - 124
Chlorobenzene	10.00	9.60	96	2		40	73 - 127
Chloroform	10.00	9.74	97	12		40	63 - 117
Dibromochloromethane	10.00	8.83	88	16		40	64 - 120
1,1-Dichloroethene	10.00	10.71	107	2		40	69 - 122
Ethylbenzene	10.00	9.48	95	7		40	72 - 125
Tetrachloroethene	10.00	11.84	118	3	*	40	66 - 116
Toluene	10.00	9.67	97	3		40	73 - 122
1,1,1-Trichloroethane	10.00	10.04	100	17		40	69 - 127
Trichloroethene	10.00	10.20	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: 2 out of 20 outside limits.
vmw_C31a

PESTICIDES/PCB
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
Law Environmental, Inc.

000442
282353

Column I.D.: DB - 5

SF: PPMSW6384
SDG:

Data File MS.: EAPRZ26
MS Sample No.: AA70077
MS Pest Date Analyzed: 04/18/95
MS Pest Time Analyzed: 12:59
MS PCB Date Analyzed:
MS PCB Time Analyzed:
MS Pest C.F.: 1.22
MS PCB C.F.:

Data File MSD.: EAPRY27
MSD Sample No.: AA70078
MSD Pest Date Analyzed: 04/18/95
MSD Pest Time Analyzed: 13:47
MSD PCB Date Analyzed:
MSD PCB Time Analyzed:
MSD Pest C.F.: 1.14
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)	0.49	0.00	0.48	98	55 -127
Heptachlor	0.49	0.00	0.28	57	43 -111
Aldrin	0.49	0.00	0.24	49	42 -122
Dieldrin	1.22	0.00	0.88	72	40 -146
Endrin	1.22	0.00	0.98	80	42 -147
DDT	1.22	0.00	0.51	42 *	59 -148
AR1016	NS	0.00	0.00	0	50 -114
AR1260	NS	0.00	0.00	0	8 -127
DBC	1.22		0.56	46	33 -186
TCMX	0.24		0.18	75	24 -151

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% # RPD #	RPD	REC
gamma-BHC (Lindane)	0.45	0.46	102	4	40	55 -127
Heptachlor	0.45	0.28	62	9	40	43 -111
Aldrin	0.45	0.23	51	4	40	42 -122
Dieldrin	1.14	0.87	76	6	40	40 -146
Endrin	1.14	0.77	68	17	40	42 -147
DDT	1.14	0.56	49	* 16	40	59 -148
AR1016	NS	0.00	0	0	40	50 -114
AR1260	NS	0.00	0	0	40	8 -127
DBC	1.14	0.53	46			33 -186
TCMX	0.23	0.15	65			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: 2 out of 12 outside limits.

Comments: _____

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: SD13-03/AA70069 Level:(low/med) LOW

SD13-03MS/AA70070 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	103	0	84.33	82		47 - 136
Benzo(a)anthracene	103	0	91.42	89		48 - 139
Benzo(a)pyrene	103	0	89.94	87		17 - 156
bis(2-Chloroethoxy)methane	103	0	91.71	89		33 - 154
Butyl benzyl phthalate	103	0	95.11	92		36 - 152
4-Chloro-3-methylphenol	155	0	138.77	90		44 - 136
2-Chlorophenol	155	0	127.02	82		28 - 134
1,4-Dichlorobenzene	103	0	80.47	78		20 - 124
2,4-Dinitrotoluene	103	0	82.07	80		44 - 135
Hexachlorobenzene	103	0	90.49	88		34 - 152
Naphthalene	103	0	89.38	87		42 - 128
4-Nitrophenol	155	0	239.81	155	*	D - 132
N-Nitroso-di-n-propylamine	103	0	99.05	96		30 - 144
Pentachlorophenol	155	0	177.33	115		14 - 176
Phenol	155	0	118.67	77		19 - 112
Pyrene	103	0	89.20	87		52 - 115
1,2,4-Trichlorobenzene	103	0	88.18	86		44 - 124

SD13-03MSD/AA70071 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	103	81.86	79		3		40	47 - 136
Benzo(a)anthracene	103	89.81	87		2		40	48 - 139
Benzo(a)pyrene	103	88.67	86		1		40	17 - 156
bis(2-Chloroethoxy)methane	103	88.51	86		4		40	33 - 154
Butyl benzyl phthalate	103	92.36	90		3		40	36 - 152
4-Chloro-3-methylphenol	155	133.31	86		4		40	44 - 136
2-Chlorophenol	155	120.21	78		6		40	28 - 134
1,4-Dichlorobenzene	103	76.96	75		4		40	20 - 124
2,4-Dinitrotoluene	103	83.05	81		1		40	44 - 135
Hexachlorobenzene	103	87.95	85		3		40	34 - 152
Naphthalene	103	86.75	84		3		40	42 - 128
4-Nitrophenol	155	228.57	148	*	5		40	D - 132
N-Nitroso-di-n-propylamine	103	95.77	93		3		40	30 - 144
Pentachlorophenol	155	171.68	111		3		40	14 - 176
Phenol	155	111.35	72		6		40	19 - 112
Pyrene	103	88.44	86		1		40	52 - 115
1,2,4-Trichlorobenzene	103	84.07	82		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.
smw_C31

282355

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 59461

Matrix Spike - Lab ID No.: SD13-03/AA70069 Level: (low/med) LOW

SD13-03MS/AA70070 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000.00	4218.00	5563.00	67	*	75 - 125
Antimony	500.00	0.00	467.00	93		75 - 125
Arsenic	2000.00	0.00	2011.00	101		75 - 125
Barium	2000.00	322.00	2269.00	97		75 - 125
Beryllium	50.00	0.00	48.00	96		75 - 125
Cadmium	50.00	0.00	54.00	108		75 - 125
Calcium						
Chromium	200.00	0.00	208.00	104		75 - 125
Cobalt	500.00	0.00	502.00	100		75 - 125
Copper	250.00	0.00	257.00	103		75 - 125
Iron	1000.00	24184.00	23661.00	(52)	*	75 - 125
Lead	500.00	0.00	523.00	105		75 - 125
Magnesium						
Manganese	500.00	302.00	755.00	91		75 - 125
Molybdenum	500.00	0.00	490.00	98		75 - 125
Nickel	500.00	0.00	510.00	102		75 - 125
Potassium						
Selenium	2000.00	0.00	1807.00	90		75 - 125
Silver	100.00	0.00	103.00	103		75 - 125
Sodium						
Thallium	2000.00	0.00	2033.00	102		75 - 125
Vanadium	500.00	0.00	500.00	100		75 - 125
Zinc	500.00	35.00	507.00	94		75 - 125

Spike Recovery: 2 out of 23 outside limits.

The following analytes are not included in the ICP spike solution:

Calcium Magnesium
Potassium Sodium

282356

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 59461

Matrix Spike - Lab ID No.: SD13-03/AA70069 Level: (low/med) LOW

SD13-03MSD/AA70071 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	4578.00	18	*	116	*	20	75 - 125
Antimony	500.00	481.00	96		3		20	75 - 125
Arsenic	2000.00	2041.00	102		1		20	75 - 125
Barium	2000.00	2241.00	96		1		20	75 - 125
Beryllium	50.00	47.00	94		2		20	75 - 125
Cadmium	50.00	54.00	108		0		20	75 - 125
Calcium								
Chromium	200.00	200.00	100		4		20	75 - 125
Cobalt	500.00	498.00	100		1		20	75 - 125
Copper	250.00	255.00	102		1		20	75 - 125
Iron	1000.00	20779.00	(341)	*	(147)	*	20	75 - 125
Lead	500.00	510.00	102		3		20	75 - 125
Magnesium								
Manganese	500.00	717.00	83		9		20	75 - 125
Molybdenum	500.00	479.00	96		2		20	75 - 125
Nickel	500.00	508.00	102		0		20	75 - 125
Potassium								
Selenium	2000.00	1866.00	93		3		20	75 - 125
Silver	100.00	102.00	102		1		20	75 - 125
Sodium								
Thallium	2000.00	2035.00	102		0		20	75 - 125
Vanadium	500.00	490.00	96		2		20	75 - 125
Zinc	500.00	497.00	92		2		20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 2 out of 23 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

iwm1854

3 - 7000

282357

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: SD13-03/AA70069 Level: (low/med) LOW

SD13-03MS/AA70070 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	30.90	72.50	83	75 - 125
Lead (EPA 7421)	50.00	17.60	59.70	84	75 - 125
Selenium (EPA 7740)	50.00	0.00	44.00	88	75 - 125
Thallium (EPA 7841)	50.00	0.00	52.70	105	75 - 125

SD13-03 MSD/AA70071 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	% # RPD	# RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	74.60	87	5	20	75 - 12[illegible]
Lead (EPA 7421)	50.00	57.20	79	0	20	75 - 125
Selenium (EPA 7740)	50.00	42.50	85	3	20	75 - 125
Thallium (EPA 7841)	50.00	52.30	105	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.

fwmC31

3 - 7470

282358

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: SD13-03/AA70069 Level: (low/med) LOW

SD13-03MS/AA70070 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.94	94		75 - 125

SD13-03MSD/AA70071 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.95	95		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.

hgwm378A

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70061

Sample No.: SD13-03/AA70069 Level:(low/med)LOW

SD13-03MS/AA70070 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	50.00	0.00	51.14	102	68 - 124
Chlorobenzene	50.00	0.00	52.41	105	73 - 127
Chloroform	50.00	0.00	50.45	101	63 - 117
Dibromochloromethane	50.00	0.00	43.97	88	64 - 120
1,1-Dichloroethene	50.00	0.00	54.93	110	69 - 122
Ethylbenzene	50.00	0.00	52.05	104	72 - 125
Tetrachloroethene	50.00	0.00	49.26	99	66 - 116
Toluene	50.00	0.54	50.31	100	73 - 122
1,1,1-Trichloroethane	50.00	0.00	44.35	89	69 - 127
Trichloroethene	50.00	0.00	50.64	101	76 - 117

SD13-03MSD/AA70071 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	50.00	47.00	94	8	40	68 - 124
Chlorobenzene	50.00	51.87	104	1	40	73 - 127
Chloroform	50.00	46.58	93	8	40	63 - 117
Dibromochloromethane	50.00	51.59	103	16	40	64 - 120
1,1-Dichloroethene	50.00	45.99	92	18	40	69 - 122
Ethylbenzene	50.00	50.64	101	3	40	72 - 125
Tetrachloroethene	50.00	48.64	97	1	40	66 - 116
Toluene	50.00	47.26	93	6	40	73 - 122
1,1,1-Trichloroethane	50.00	42.16	84	5	40	69 - 127
Trichloroethene	50.00	50.61	101	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.
vmw_C31a

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70061

Sample No.: OT15-C/AA70076 Level:(low/med) LOW

OT15-CMS/AA70077 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	109	0	87.24	80		47 - 136
Benzo(a)anthracene	109	0	93.95	86		48 - 139
Benzo(a)pyrene	109	0	97.51	90		17 - 156
bis(2-Chloroethoxy)methane	109	0	87.04	80		33 - 154
Butyl benzyl phthalate	109	0	93.51	86		36 - 152
4-Chloro-3-methylphenol	163	0	115.44	71		44 - 136
2-Chlorophenol	163	0	124.24	76		28 - 134
1,4-Dichlorobenzene	109	0	84.85	78		20 - 124
2,4-Dinitrotoluene	109	0	79.00	73		44 - 135
Hexachlorobenzene	109	0	95.91	88		34 - 152
Naphthalene	109	0	89.30	82		42 - 128
4-Nitrophenol	163	0	159.25	98		D - 132
N-Nitroso-di-n-propylamine	109	0	86.22	79		30 - 144
Pentachlorophenol	163	0	149.14	91		14 - 176
Phenol	163	0	112.50	69		19 - 112
Pyrene	109	0	93.43	86		52 - 115
1,2,4-Trichlorobenzene	109	0	87.87	81		44 - 124

OT15-CMSD/AA70078 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	109	84.51	78	3		40	47 - 136
Benzo(a)anthracene	109	91.58	84	3		40	48 - 139
Benzo(a)pyrene	109	98.33	90	1		40	17 - 156
bis(2-Chloroethoxy)methane	109	76.21	70	13		40	33 - 154
Butyl benzyl phthalate	109	93.70	86	0		40	36 - 152
4-Chloro-3-methylphenol	163	119.68	73	4		40	44 - 136
2-Chlorophenol	163	125.44	77	1		40	28 - 134
1,4-Dichlorobenzene	109	79.91	74	6		40	20 - 124
2,4-Dinitrotoluene	109	79.36	73	0		40	44 - 135
Hexachlorobenzene	109	94.35	87	2		40	34 - 152
Naphthalene	109	83.63	77	7		40	42 - 128
4-Nitrophenol	163	147.72	91	8		40	D - 132
N-Nitroso-di-n-propylamine	109	85.74	79	1		40	30 - 144
Pentachlorophenol	163	151.64	93	2		40	14 - 176
Phenol	163	112.18	69	0		40	19 - 112
Pyrene	109	93.90	86	0		40	52 - 115
1,2,4-Trichlorobenzene	109	82.93	76	6		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.
smw_C31a

3 - 6010

282361

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Matrix Spike - Lab ID No.: SD13-05/AA70028 Level: (low/med) LOW

SD13-05MS/AA70027 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000.00	769.00	2595.00	91	75 - 125
Antimony	500.00	0.00	506.00	101	75 - 125
Arsenic	2000.00	0.00	2035.00	102	75 - 125
Barium	2000.00	214.00	2198.00	99	75 - 125
Beryllium	50.00	0.00	50.00	100	75 - 125
Cadmium	50.00	0.00	53.00	106	75 - 125
Calcium					
Chromium	200.00	0.00	203.00	102	75 - 125
Cobalt	500.00	0.00	511.00	102	75 - 125
Copper	250.00	0.00	255.00	102	75 - 125
Iron	1000.00	1309.00	1963.00	65 *	75 - 125
Lead	500.00	0.00	501.00	100	75 - 125
Magnesium					
Manganese	500.00	83.00	573.00	98	75 - 125
Molybdenum	500.00	0.00	495.00	99	75 - 125
Nickel	500.00	0.00	527.00	105	75 - 125
Potassium					
Selenium	2000.00	0.00	1913.00	96	75 - 125
Silver	100.00	0.00	103.00	103	75 - 125
Sodium					
Thallium	2000.00	0.00	2147.00	107	75 - 125
Vanadium	500.00	0.00	511.00	102	75 - 125
Zinc	500.00	74.00	543.00	94	75 - 125

Spike Recovery: 1 out of 23 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: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Matrix Spike - Lab ID No.: SD13-05/AA70026 Level: (low/med) LOW

SD13-05MSD/AA70026 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	2502.00	87		5		20	75 - 125
Antimony	500.00	505.00	101		0		20	75 - 125
Arsenic	2000.00	2017.00	101		1		20	75 - 125
Barium	2000.00	2166.00	98		2		20	75 - 125
Beryllium	50.00	48.00	96		4		20	75 - 125
Cadmium	50.00	52.00	104		2		20	75 - 125
Calcium								
Chromium	200.00	106.00	53	*	63	*	20	75 - 125
Cobalt	500.00	499.00	100		2		20	75 - 125
Copper	250.00	252.00	101		1		20	75 - 125
Iron	1000.00	1832.00	83	*	22	*	20	75 - 125
Lead	500.00	499.00	100		0		20	75 - 125
Magnesium								
Manganese	500.00	563.00	96		2		20	75 - 125
Molybdenum	500.00	482.00	96		3		20	75 - 125
Nickel	500.00	513.00	103		3		20	75 - 125
Potassium								
Selenium	2000.00	1908.00	95		0		20	75 - 125
Silver	100.00	102.00	102		1		20	75 - 125
Sodium								
Thallium	2000.00	2156.00	108		0		20	75 - 125
Vanadium	500.00	497.00	99		3		20	75 - 125
Zinc	500.00	525.00	90		4		20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 2 out of 23 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

iwm1852

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: SD13-05/AA70028 Level: (low/med) LOW

SD13-05MS/AA70027 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	44.50	89		75 - 125
Lead (EPA 7421)	50.00	0.00	48.70	97		75 - 125
Selenium (EPA 7740)	50.00	0.00	41.90	84		75 - 125
Thallium (EPA 7841)	50.00	0.00	40.50	81		75 - 125

SD13-05MSD/AA70026 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	REC.
Arsenic (EPA 7060)	50.00	43.90	88		1.4		20	75 - 125
Lead (EPA 7421)	50.00	49.30	99		0.0		20	75 - 125
Selenium (EPA 7740)	50.00	41.10	82		1.9		20	75 - 125
Thallium (EPA 7841)	50.00	37.50	75		7.7		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 5 outside limits.
Spike Recovery: 0 out of 10 outside limits.

fwmC30

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: SD13-05/AA70028 Level: (low/med) LOW

SD13-05MS/AA70027 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.96	96		75 - 125

SD13-05MSD/AA70026 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	1.00	100		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.

hgwm0379

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70023

Sample No.: SD13-05/AA70028 Level:(low/med)LOW

SD13-05MS/AA70027 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.00	0.00	10.25	103		68 - 124
Chlorobenzene	10.00	0.00	10.36	104		73 - 127
Chloroform	10.00	0.34	11.60	113		63 - 117
Dibromochloromethane	10.00	0.00	8.05	81		64 - 120
1,1-Dichloroethene	10.00	0.00	12.93	129	*	69 - 122
Ethylbenzene	10.00	0.00	10.44	104		72 - 125
Tetrachloroethene	10.00	0.00	10.53	105		66 - 116
Toluene	10.00	0.00	10.34	103		73 - 122
1,1,1-Trichloroethane	10.00	0.00	12.27	123		69 - 127
Trichloroethene	10.00	0.00	10.12	101		76 - 117

SD13-05MSD/AA70028 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.00	10.43	104	2		40	68 - 124
Chlorobenzene	10.00	10.37	104	0		40	73 - 127
Chloroform	10.00	11.58	112	0		40	63 - 117
Dibromochloromethane	10.00	7.99	80	1		40	64 - 120
1,1-Dichloroethene	10.00	12.92	129	0	*	40	69 - 122
Ethylbenzene	10.00	10.58	106	1		40	72 - 125
Tetrachloroethene	10.00	10.62	106	1		40	66 - 116
Toluene	10.00	10.35	104	0		40	73 - 122
1,1,1-Trichloroethane	10.00	12.44	124	1		40	69 - 127
Trichloroethene	10.00	10.37	104	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: 2 out of 20 outside limits.

vmw_C30

282366

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: SD13-05/AA70028 Level:(low/med) LOW

SD13-05MS/AA70027 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	108	0	73.72	69		47 - 136
Benzo(a)anthracene	108	0	84.00	78		48 - 139
Benzo(a)pyrene	108	0	79.60	74		17 - 156
bis(2-Chloroethoxy)methane	108	0	72.04	67		33 - 154
Butyl benzyl phthalate	108	0	76.23	71		36 - 152
4-Chloro-3-methylphenol	161	0	97.35	60		44 - 136
2-Chlorophenol	161	0	95.59	59		28 - 134
1,4-Dichlorobenzene	108	0	61.44	57		20 - 124
2,4-Dinitrotoluene	108	0	70.94	66		44 - 135
Hexachlorobenzene	108	0	73.12	68		34 - 152
Naphthalene	108	0	62.04	58		42 - 128
4-Nitrophenol	161	0	131.81	82		D - 132
N-Nitroso-di-n-propylamine	108	0	76.79	71		30 - 144
Pentachlorophenol	161	0	110.39	68		14 - 176
Phenol	161	0	83.97	52		19 - 112
Pyrene	108	0	76.44	71		52 - 115
1,2,4-Trichlorobenzene	108	0	66.91	62		44 - 124

SD13-05MSD/AA70028 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	111	75.79	68	1		40	47 - 136
Benzo(a)anthracene	111	86.51	78	0		40	48 - 139
Benzo(a)pyrene	111	82.60	74	0		40	17 - 156
bis(2-Chloroethoxy)methane	111	74.45	67	0		40	33 - 154
Butyl benzyl phthalate	111	75.43	68	4		40	36 - 152
4-Chloro-3-methylphenol	167	110.04	66	9		40	44 - 136
2-Chlorophenol	167	100.03	60	1		40	28 - 134
1,4-Dichlorobenzene	111	64.56	58	2		40	20 - 124
2,4-Dinitrotoluene	111	72.50	65	1		40	44 - 135
Hexachlorobenzene	111	77.95	70	3		40	34 - 152
Naphthalene	111	64.76	58	1		40	42 - 128
4-Nitrophenol	167	141.67	85	4		40	D - 132
N-Nitroso-di-n-propylamine	111	82.00	74	3		40	30 - 144
Pentachlorophenol	167	115.60	69	1		40	14 - 176
Phenol	167	86.79	52	0		40	19 - 112
Pyrene	111	74.97	67	5		40	52 - 115
1,2,4-Trichlorobenzene	111	68.59	62	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.

smw_C30

3 - 6010

282367

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Matrix Spike - Lab ID No.: ST14-W09/AA70040 Level: (low/med) LOW

ST14-W09MS/AA70041 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000.00	31812.00	35365.00	178 *	75 - 125
Antimony	500.00	0.00	289.00	58 *	75 - 125
Arsenic	2000.00	0.00	2045.00	102	75 - 125
Barium	2000.00	356.00	2392.00	102	75 - 125
Beryllium	50.00	3.00	51.00	96	75 - 125
Cadmium	50.00	12.00	63.00	102	75 - 125
Calcium					
Chromium	200.00	0.00	248.00	124	75 - 125
Cobalt	500.00	0.00	518.00	104	75 - 125
Copper	250.00	0.00	282.00	113	75 - 125
Iron	1000.00	27555.00	30789.00	323 *	75 - 125
Lead	500.00	0.00	514.00	103	75 - 125
Magnesium					
Manganese	500.00	520.00	1105.00	117	75 - 125
Molybdenum	500.00	0.00	477.00	95	75 - 125
Nickel	500.00	0.00	547.00	109	75 - 125
Potassium					
Selenium	2000.00	0.00	1840.00	92	75 - 125
Silver	100.00	0.00	107.00	107	75 - 125
Sodium					
Thallium	2000.00	0.00	2000.00	100	75 - 125
Vanadium	500.00	74.00	575.00	100	75 - 125
Zinc	500.00	113.00	596.00	97	75 - 125

Spike Recovery: 3 out of 23 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: 11-3517-3201

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Matrix Spike - Lab ID No.: ST14-W09/AA70040 Level: (low/med) LOW

ST14-W09MSD/AA70042 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	31851.00	2	*	196	*	20	75 - 125
Antimony	500.00	305.00	61	*	5		20	75 - 125
Arsenic	2000.00	2010.00	101		2		20	75 - 125
Barium	2000.00	2318.00	98		4		20	75 - 125
Beryllium	50.00	50.00	94		2		20	75 - 125
Cadmium	50.00	61.00	98		4		20	75 - 125
Calcium								
Chromium	200.00	237.00	119		5		20	75 - 125
Cobalt	500.00	510.00	102		2		20	75 - 125
Copper	250.00	275.00	110		3		20	75 - 125
Iron	1000.00	26948.00	-61	*	292	*	20	75 - 125
Lead	500.00	513.00	103		0		20	75 - 125
Magnesium								
Manganese	500.00	1030.00	102		14		20	75 - 125
Molybdenum	500.00	467.00	93		2		20	75 - 125
Nickel	500.00	533.00	107		3		20	75 - 125
Potassium								
Selenium	2000.00	1746.00	87		5		20	75 - 125
Silver	100.00	105.00	105		2		20	75 - 125
Sodium								
Thallium	2000.00	1997.00	100		0		20	75 - 125
Vanadium	500.00	557.00	97		4		20	75 - 125
Zinc	500.00	576.00	93		4		20	75 - 125

Spike Recovery: 3 out of 23 outside limits.
RPD: 2 out of 23 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

iwm1852

282369

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: ST14-W09/AA70040 Level: (low/med) LOW

ST14-W09MS/AA70041 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	0.00	47.00	94	75 - 125
Lead (EPA 7421)	50.00	16.70	67.60	102	75 - 125
Selenium (EPA 7740)	50.00	0.00	46.50	93	75 - 125
Thallium (EPA 7841)	50.00	0.00	43.00	86	75 - 125

ST14-W09MSD/AA70042 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD	# RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	45.50	91	3.2	20	75 - 125
Lead (EPA 7421)	50.00	66.70	100	0.0	20	75 - 125
Selenium (EPA 7740)	50.00	46.50	93	0.0	20	75 - 125
Thallium (EPA 7841)	50.00	42.00	84	2.4	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 5 outside limits.
Spike Recovery: 0 out of 10 outside limits.

fwmC30

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: ST14-W09/AA70040 Level: (low/med) LOW

ST14-W09MS/AA70041 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.86	86		75 - 125

ST14-W09MSD/AA70042 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.88	88		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 1 outside limits.
Spike Recovery: 0 out of 2 outside limits.

hgwm0379

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70023

Sample No.: ST14-W09/AA70040 Level:(low/med)LOW

ST14-W09MS/AA70041 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.00	0.00	10.63	106		68 - 124
Chlorobenzene	10.00	0.00	10.62	106		73 - 127
Chloroform	10.00	0.00	11.63	116		63 - 117
Dibromochloromethane	10.00	0.00	8.13	81		64 - 120
1,1-Dichloroethene	10.00	0.00	13.25	133	*	69 - 122
Ethylbenzene	10.00	0.00	10.70	107		72 - 125
Tetrachloroethene	10.00	0.00	10.87	109		66 - 116
Toluene	10.00	0.54	11.09	106		73 - 122
1,1,1-Trichloroethane	10.00	0.00	12.56	126		69 - 127
Trichloroethene	10.00	0.00	10.97	110		76 - 117

ST14-W09MSD/AA70042 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.00	10.28	103	3		40	68 - 124
Chlorobenzene	10.00	10.06	101	5		40	73 - 127
Chloroform	10.00	10.92	109	6		40	63 - 117
Dibromochloromethane	10.00	8.09	81	0		40	64 - 120
1,1-Dichloroethene	10.00	12.99	130	2	*	40	69 - 122
Ethylbenzene	10.00	10.15	102	5		40	72 - 125
Tetrachloroethene	10.00	10.18	102	7		40	66 - 116
Toluene	10.00	10.58	100	5		40	73 - 122
1,1,1-Trichloroethane	10.00	11.86	119	6		40	69 - 127
Trichloroethene	10.00	10.42	104	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.

vmw_C30a

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70023

Sample No.: ST14-W09/AA70040 Level:(low/med) LOW

ST14-W09MS/AA70041 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	109	0	81.01	75		47 - 136
Benzo(a)anthracene	109	0	68.51	61		46 - 139
Benzo(a)pyrene	109	0	91.38	84		17 - 156
bis(2-Chloroethoxy)methane	109	0	81.86	75		33 - 154
Butyl benzyl phthalate	109	0	91.87	85		36 - 152
4-Chloro-3-methylphenol	163	0	121.33	74		44 - 136
2-Chlorophenol	163	0	123.45	76		28 - 134
1,4-Dichlorobenzene	109	0	67.14	62		20 - 124
2,4-Dinitrotoluene	109	0	79.48	73		44 - 135
Hexachlorobenzene	109	0	89.76	83		34 - 152
Naphthalene	109	0	82.48	76		42 - 128
4-Nitrophenol	163	0	168.32	103		D - 132
N-Nitroso-di-n-propylamine	109	0	79.42	73		30 - 144
Pentachlorophenol	163	0	133.40	82		14 - 176
Phenol	163	0	111.59	68		19 - 112
Pyrene	109	0	90.20	83		52 - 115
1,2,4-Trichlorobenzene	109	0	77.27	71		44 - 124

ST14-W09MSD/AA70042 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	108	86.11	80	7		40	47 - 136
Benzo(a)anthracene	108	92.49	86	6		40	46 - 139
Benzo(a)pyrene	108	95.83	89	6		40	17 - 156
bis(2-Chloroethoxy)methane	108	86.38	80	6		40	33 - 154
Butyl benzyl phthalate	108	95.50	89	5		40	36 - 152
4-Chloro-3-methylphenol	161	127.70	79	6		40	44 - 136
2-Chlorophenol	161	127.52	79	4		40	28 - 134
1,4-Dichlorobenzene	108	70.98	66	7		40	20 - 124
2,4-Dinitrotoluene	108	84.41	79	7		40	44 - 135
Hexachlorobenzene	108	93.96	87	6		40	34 - 152
Naphthalene	108	85.39	79	5		40	42 - 128
4-Nitrophenol	161	212.10	132	24		40	D - 132
N-Nitroso-di-n-propylamine	108	84.38	78	7		40	30 - 144
Pentachlorophenol	161	148.10	92	12		40	14 - 176
Phenol	161	118.02	73	7		40	19 - 112
Pyrene	108	95.31	89	7		40	52 - 115
1,2,4-Trichlorobenzene	108	77.67	72	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.

smw_C30a

282373

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Matrix Spike - Lab ID No.: ST14-W19/AA70115 Level: (low/med) LOW

ST14-W19MS/AA70116 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000.00	17498.00	18585.00	54 *	75 - 125
Antimony	500.00	0.00	434.00	87	75 - 125
Arsenic	2000.00	0.00	2021.00	101	75 - 125
Barium	2000.00	287.00	2227.00	97	75 - 125
Beryllium	50.00	0.00	48.00	96	75 - 125
Cadmium	50.00	0.00	56.00	112	75 - 125
Calcium					
Chromium	200.00	0.00	223.00	112	75 - 125
Cobalt	500.00	0.00	514.00	103	75 - 125
Copper	250.00	56.00	292.00	94	75 - 125
Iron	1000.00	34748.00	33287.00	(146) *	75 - 125
Lead	500.00	0.00	555.00	111	75 - 125
Magnesium					
Manganese	500.00	350.00	808.00	92	75 - 125
Molybdenum	500.00	0.00	481.00	96	75 - 125
Nickel	500.00	0.00	534.00	107	75 - 125
Potassium					
Selenium	2000.00	0.00	1801.00	90	75 - 125
Silver	100.00	0.00	103.00	103	75 - 125
Sodium					
Thallium	2000.00	0.00	1999.00	100	75 - 125
Vanadium	500.00	93.00	565.00	94	75 - 125
Zinc	500.00	149.00	613.00	93	75 - 125

Spike Recovery: 2 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Matrix Spike - Lab ID No.: ST14-W19/AA70115 Level: (low/med) LOW

ST14-W19MSD/AA70117 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000.00	9561.00	(397)	*	(263)		20	75 - 125
Antimony	500.00	449.00	90		3		20	75 - 125
Arsenic	2000.00	2053.00	103		2		20	75 - 125
Barium	2000.00	2163.00	94		3		20	75 - 125
Beryllium	50.00	48.00	96		0		20	75 - 125
Cadmium	50.00	53.00	106		6		20	75 - 125
Calcium								
Chromium	200.00	202.00	101		10		20	75 - 125
Cobalt	500.00	503.00	101		2		20	75 - 125
Copper	250.00	270.00	86		10		20	75 - 125
Iron	1000.00	21149.00	(1,360)	*	(161)		20	75 - 125
Lead	500.00	535.00	107		4		20	75 - 125
Magnesium								
Manganese	500.00	[illegible]3.00	74	*	22	*	20	75 - 125
Molybdenum	500.00	482.00	96		0		20	75 - 125
Nickel	500.00	518.00	104		3		20	75 - 125
Potassium								
Selenium	2000.00	1831.00	92		2		20	75 - 125
Silver	100.00	103.00	103		0		20	75 - 125
Sodium								
Thallium	2000.00	2053.00	103		3		20	75 - 125
Vanadium	500.00	520.00	85		10		20	75 - 125
Zinc	500.00	552.00	81		14		20	75 - 125

Spike Recovery: 3 out of 23 outside limits.
RPD: 1 out of 23 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

iwm1868A

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Sample No.: ST14-W19/AA70115 Level: (low/med) LOW

ST14-W19MS/AA70116 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	19.60	59.00	79		75 - 125
Lead (EPA 7421)	50.00	67.00	111.00	88		75 - 125
Selenium (EPA 7740)	50.00	0.00	42.00	84		75 - 125
Thallium (EPA 7841)	50.00	0.00	54.20	108		75 - 125

ST14-W19MSD/AA70117 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.00	59.50	80		1.3		20	75 - 125
Lead (EPA 7421)	50.00	83.00	32	*	93	*	20	75 - 125
Selenium (EPA 7740)	50.00	42.50	85		1.2		20	75 - 125
Thallium (EPA 7841)	50.00	52.90	106		2.4		20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk.

* Values outside of QC limits.

RPD: 1 out of 4 outside limits.
Spike Recovery: 1 out of 8 outside limits.

fwmc32a

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70111

Sample No.: ST14-W19/AA70115 Level: (low/med) LOW

ST14-W19MS/AA70116 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.91	91		75 - 125

ST14-W19MSD/AA70117 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.82	82		10		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.

hgwm0382

282377

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 70111

Sample No.: ST14-W19/AA70115 Level:(low/med)LOW

ST14-W19MS/AA70116 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	50.00	36.13	87.58	103	68 - 124
Chlorobenzene	50.00	0.00	51.10	102	73 - 127
Chloroform	50.00	0.00	48.76	98	63 - 117
Dibromochloromethane	50.00	0.00	44.76	90	64 - 120
1,1-Dichloroethene	50.00	0.00	49.99	100	69 - 122
Ethylbenzene	50.00	14.03	59.65	91	72 - 125
Tetrachloroethene	50.00	0.00	49.51	99	66 - 116
Toluene	50.00	1.48	50.67	98	73 - 122
1,1,1-Trichloroethane	50.00	0.00	45.03	90	69 - 127
Trichloroethene	50.00	0.00	50.42	101	76 - 117

ST14-W19MSD/AA7011 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	50.00	87.96	104	1	40	68 - 124
Chlorobenzene	50.00	52.04	104	2	40	73 - 127
Chloroform	50.00	49.46	99	1	40	63 - 117
Dibromochloromethane	50.00	47.72	95	6	40	64 - 120
1,1-Dichloroethene	50.00	53.76	108	7	40	69 - 122
Ethylbenzene	50.00	64.70	101	10	40	72 - 125
Tetrachloroethene	50.00	51.43	103	4	40	66 - 116
Toluene	50.00	53.36	104	5	40	73 - 122
1,1,1-Trichloroethane	50.00	46.17	92	3	40	69 - 127
Trichloroethene	50.00	53.43	107	6	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.
vmw_C30a

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

282378

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 70011

Sample No.: ST14-W19/AA70115 Level:(low/med) LOW

ST14-W19MS/AA70116 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	119	1.81	95.63	79		47 - 136
Benzo(a)anthracene	119	0.00	106.05	89		48 - 139
Benzo(a)pyrene	119	0.86	99.46	83		17 - 156
bis(2-Chloroethoxy)methane	119	0.00	93.57	79		33 - 154
Butyl benzyl phthalate	119	1.63	111.60	92		36 - 152
4-Chloro-3-methylphenol	179	0.00	158.14	89		44 - 136
2-Chlorophenol	179	0.00	116.91	65		28 - 134
1,4-Dichlorobenzene	119	0.00	67.40	57		20 - 124
2,4-Dinitrotoluene	119	0.00	95.80	81		44 - 135
Hexachlorobenzene	119	0.00	103.54	87		34 - 152
Naphthalene	119	18.26	100.08	69		42 - 128
4-Nitrophenol	179	0.00	481.65	270	*	D - 132
N-Nitroso-di-n-propylamine	119	0.00	100.23	84		30 - 144
Pentachlorophenol	179	0.00	199.98	112		14 - 176
Phenol	179	1.43	53.45	29		19 - 112
Pyrene	119	0.00	107.60	90		52 - 115
1,2,4-Trichlorobenzene	119	0.00	83.18	70		44 - 124

ST14-W19MSD/AA70117 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	112	93.45	82		3		40	47 - 136
Benzo(a)anthracene	112	104.99	93		5		40	48 - 139
Benzo(a)pyrene	112	100.90	89		7		40	17 - 156
bis(2-Chloroethoxy)methane	112	92.90	83		5		40	33 - 154
Butyl benzyl phthalate	112	109.57	96		4		40	36 - 152
4-Chloro-3-methylphenol	169	143.78	85		4		40	44 - 136
2-Chlorophenol	169	128.99	77		16		40	28 - 134
1,4-Dichlorobenzene	112	71.61	64		12		40	20 - 124
2,4-Dinitrotoluene	112	90.68	81		0		40	44 - 135
Hexachlorobenzene	112	104.30	93		6		40	34 - 152
Naphthalene	112	115.42	86		23		40	42 - 128
4-Nitrophenol	169	448.12	266	*	2		40	D - 132
N-Nitroso-di-n-propylamine	112	98.17	87		4		40	30 - 144
Pentachlorophenol	169	195.28	116		3		40	14 - 176
Phenol	169	73.04	42		37		40	19 - 112
Pyrene	112	105.76	94		4		40	52 - 115
1,2,4-Trichlorobenzene	112	83.64	74		6		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.

smw_C32a

APPENDIX G-2

SECOND QUARTER MS/MSD RESULTS

Sample Identification

FT09-12BMS	OT15CMS
FT09-12BMSD	OT15CMSD
GMI22-08MS	SD13-03MS
GMI22-08MSD	SD13-03MSD
LF04-4EMS	ST14-W09MS
LF04-4EMSD	ST14-W09MSD
MW-10MS	ST14-W19MS
MW-10MSD	ST14-W19MSD

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75279

Matrix Spike - Lab ID No.: FT09-12B/AA75292 Level: (low/med) LOW

FT09-12BMS/AA75293 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	0.00	3340	167	*	75 - 125
Antimony	500	0.00	500	100		75 - 125
Arsenic	2000	0.00	2060	103		75 - 125
Barium	2000	139	2150	101		75 - 125
Beryllium	50.0	0.00	47.0	94		75 - 125
Cadmium	50.0	0.00	52.0	104		75 - 125
Calcium						
Chromium	200	0.00	187	94		75 - 125
Cobalt	500	0.00	509	102		75 - 125
Copper	250	0.00	253	101		75 - 125
Iron	1000	2890	4060	117		75 - 125
Lead	500	0.00	509	102		75 - 125
Magnesium						
Manganese	500	867	1340	95		75 - 125
Molybdenum	500	0.00	525	105		75 - 125
Nickel	500	0.00	519	104		75 - 125
Potassium						
Selenium	2000	0.00	1850	93		75 - 125
Silver	100	0.00	102	102		75 - 125
Sodium						
Thallium	2000	0.00	1620	81		75 - 125
Vanadium	500	0.00	504	101		75 - 125
Zinc	500	0.00	524	105		75 - 125

Spike Recovery: 1 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75279

Matrix Spike - Lab ID No.: FT09-12B/AA75292 Level: (low/med) LOW

FT09-12BMSD/AA75294 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	2140	107		44	*	20	75 - 125
Antimony	500	515	103		3		20	75 - 125
Arsenic	2000	2110	106		2		20	75 - 125
Barium	2000	2150	101		0		20	75 - 125
Beryllium	50.0	47.0	94		0		20	75 - 125
Cadmium	50.0	53.0	106		2		20	75 - 125
Calcium								
Chromium	200	198	99		6		20	75 - 125
Cobalt	500	514	103		1		20	75 - 125
Copper	250	251	100		1		20	75 - 125
Iron	1000	3880	99		17		20	75 - 125
Lead	500	501	100		2		20	75 - 125
Magnesium								
Manganese	500	1340	95		0		20	75 - 125
Molybdenum	500	537	107		2		20	75 - 125
Nickel	500	510	102		2		20	75 - 125
Potassium								
Selenium	2000	1830	92		1		20	75 - 125
Silver	100	104	104		2		20	75 - 125
Sodium								
Thallium	2000	1690	85		4		20	75 - 125
Vanadium	500	507	101		1		20	75 - 125
Zinc	500	497	99		5		20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 1 out of 23 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

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75279

Sample No.: FT09-12B/AA75292 Level: (low/med) LOW

FT09-12BMS/AA75293 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	10.4	62.1	104	75 - 125
Lead (EPA 7421)	50.0	0.00	53.0	106	75 - 125
Selenium (EPA 7740)	50.0	0.00	46.4	93	75 - 125
Thallium (EPA 7841)	50.0	0.00	45.5	91	75 - 125

FT09-12BMSD/AA75294 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	61.8	103		1		20	75 - 125
Lead (EPA 7421)	50.0	49.7	99		0		20	75 - 125
Selenium (EPA 7740)	50.0	44.9	90		3		20	75 - 125
Thallium (EPA 7841)	50.0	43.1	86		5		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.

fwm2190

3 - 7470

282383

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75279

Sample No.: FT09-12B/AA75292 Level: (low/med) LOW

FT09-12BMS/AA75293 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.901	90		75 - 125

FT09-12BMSD/AA75294 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Mercury	1.00	0.875	88		3		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.

hgwm0419

3 - 8260

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75279

Sample No.: FT09-12B/AA75292 Level:(low/med)LOW

FT09-12BMS/AA75293 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.281	10.7	105		68 - 124
Chlorobenzene	10.0	0.00	10.2	102		73 - 127
Chloroform	10.0	0.00	10.6	106		63 - 117
Dibromochloromethane	10.0	0.00	8.96	90		64 - 120
1,1-Dichloroethene	10.0	0.00	12.0	120		69 - 122
Ethylbenzene	10.0	0.00	10.4	104		72 - 125
Tetrachloroethene	10.0	5.64	17.3	116		66 - 116
Toluene	10.0	0.00	10.3	103		73 - 122
1,1,1-Trichloroethane	10.0	0.00	11.5	115		69 - 127
Trichloroethene	10.0	18.4	30.2	118	*	76 - 117

FT09-12BMSD/AA75294 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	#	% RPD	RPD	QC LIMITS REC.
Benzene	10.0	10.7	104		1	40	68 - 124
Chlorobenzene	10.0	10.2	102		1	40	73 - 127
Chloroform	10.0	10.8	108		2	40	63 - 117
Dibromochloromethane	10.0	8.77	88		2	40	64 - 120
1,1-Dichloroethene	10.0	11.9	119		1	40	69 - 122
Ethylbenzene	10.0	10.6	106		2	40	72 - 125
Tetrachloroethene	10.0	17.3	117	*	1	40	66 - 116
Toluene	10.0	10.4	104		1	40	73 - 122
1,1,1-Trichloroethane	10.0	11.4	114		0	40	69 - 127
Trichloroethene	10.0	30.5	121	*	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: 3 out of 20 outside limits.
vmw_C36

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75279

Sample No.: FT09-12B/AA75292 Level:(low/med) LOW

FT09-12BMS/AA75293 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	104	0	79.0	76		47 - 136
Benzo(a)anthracene	104	0	111	107		48 - 139
Benzo(a)pyrene	104	0	82.2	79		17 - 156
bis(2-Chloroethoxy)methane	104	0	82.6	79		33 - 154
Butyl benzyl phthalate	104	3.60	92.9	86		36 - 152
4-Chloro-3-methylphenol	156	0	119	76		44 - 136
2-Chlorophenol	156	0	120	77		28 - 134
1,4-Dichlorobenzene	104	0	69.6	67		20 - 124
2,4-Dinitrotoluene	104	0	91.2	88		44 - 135
Hexachlorobenzene	104	0	101	97		34 - 152
Naphthalene	104	0	73.6	71		42 - 128
4-Nitrophenol	156	0	155	99		D - 132
N-Nitroso-di-n-propylamine	104	0	87.0	83		30 - 144
Pentachlorophenol	156	0	155	99		14 - 176
Phenol	156	0	106	68		19 - 112
Pyrene	104	0	92.7	89		52 - 115
1,2,4-Trichlorobenzene	104	0	77.0	74		44 - 124

FT09-12BMSD/AA75294 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	108	80.5	75	1		40	47 - 136
Benzo(a)anthracene	108	111	103	3		40	48 - 139
Benzo(a)pyrene	108	80.6	75	5		40	17 - 156
bis(2-Chloroethoxy)methane	108	82.7	77	3		40	33 - 154
Butyl benzyl phthalate	108	89.5	80	7		40	36 - 152
4-Chloro-3-methylphenol	161	120	74	2		40	44 - 136
2-Chlorophenol	161	124	77	0		40	28 - 134
1,4-Dichlorobenzene	108	73.8	69	3		40	20 - 124
2,4-Dinitrotoluene	108	91.6	85	3		40	44 - 135
Hexachlorobenzene	108	101	94	3		40	34 - 152
Naphthalene	108	75.0	70	1		40	42 - 128
4-Nitrophenol	161	150	93	6		40	D - 132
N-Nitroso-di-n-propylamine	108	86.9	81	3		40	30 - 144
Pentachlorophenol	161	157	97	2		40	14 - 176
Phenol	161	106	66	3		40	19 - 112
Pyrene	108	92.4	86	3		40	52 - 115
1,2,4-Trichlorobenzene	108	78.2	73	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.
sms6806

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: GMI22-08M/AA75475 Level: (low/med) LOW

GMI22-08MMS/AA75476 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	9270	12700	172	*	75 - 125
Antimony	500	0.00	398	80		75 - 125
Arsenic	2000	0.00	2090	105		75 - 125
Barium	2000	167	2200	102		75 - 125
Beryllium	50.0	0.00	50.0	100		75 - 125
Cadmium	50.0	0.00	51.0	102		75 - 125
Calcium						
Chromium	200	0.00	222	111		75 - 125
Cobalt	500	0.00	531	106		75 - 125
Copper	250	0.00	266	106		75 - 125
Iron	1000	18700	20500	180	*	75 - 125
Lead	500	0.00	531	106		75 - 125
Magnesium						
Manganese	500	1160	1670	102		75 - 125
Molybdenum	500	0.00	515	103		75 - 125
Nickel	500	0.00	545	109		75 - 125
Potassium						
Selenium	2000	0.00	1920	96		75 - 125
Silver	100	0.00	104	104		75 - 125
Sodium						
Thallium	2000	0.00	1670	84		75 - 125
Vanadium	500	0.00	546	109		75 - 125
Zinc	500	26.0	527	100		75 - 125

Spike Recovery: 2 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: GMI22-08M/AA75475 Level: (low/med) LOW

GMI22-08MMSD/AA75477 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Aluminum	2000	12500	162	*	6	20	75 - 125
Antimony	500	393	79		1	20	75 - 125
Arsenic	2000	2050	103		2	20	75 - 125
Barium	2000	2230	103		1	20	75 - 125
Beryllium	50.0	49.0	98		2	20	75 - 125
Cadmium	50.0	53.0	106		4	20	75 - 125
Calcium							
Chromium	200	224	112		1	20	75 - 125
Cobalt	500	534	107		1	20	75 - 125
Copper	250	265	106		0	20	75 - 125
Iron	1000	20900	220	*	20	20	75 - 125
Lead	500	520	104		2	20	75 - 125
Magnesium							
Manganese	500	1740	116		13	20	75 - 125
Molybdenum	500	515	103		0	20	75 - 125
Nickel	500	535	107		2	20	75 - 125
Potassium							
Selenium	2000	1900	95		1	20	75 - 125
Silver	100	105	105		1	20	75 - 125
Sodium							
Thallium	2000	1740	87		4	20	75 - 125
Vanadium	500	544	109		0	20	75 - 125
Zinc	500	522	99		1	20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 0 out of 23 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

iwm2208B

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: GMI22-08M/AA75475 Level: (low/med) LOW

GMI22-08MMS/AA75476 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	28.4	57	*	75 - 125
Lead (EPA 7421)	50.0	10.4	64.6	108		75 - 125
Selenium (EPA 7740)	50.0	0.00	44.8	90		75 - 125
Thallium (EPA 7841)	50.0	0.00	39.7	79		75 - 125

GMI22-08MMSD/AA75477 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	29.0	58	*	2		20	75 - 125
Lead (EPA 7421)	50.0	64.4	108		0		20	75 - 125
Selenium (EPA 7740)	50.0	44.9	90		0		20	75 - 125
Thallium (EPA 7841)	50.0	40.2	80		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.

fwm2210B

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: GMI22-08M/AA75475 Level: (low/med) LOW

GMI22-08MMS/AA75476 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.955	96		75 - 125

GMI22-08MMSD/AA75477 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.996	100		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.

hgwm423B

3 - 8260

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75460

Sample No.: GMI22-08M/AA75475 Level:(low/med)LOW

GMI22-08MMS/AA75476 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.00	10.4	104	68 - 124
Chlorobenzene	10.0	0.00	10.2	102	73 - 127
Chloroform	10.0	0.00	11.7	117	63 - 117
Dibromochloromethane	10.0	0.00	7.75	78	64 - 120
1,1-Dichloroethene	10.0	0.00	11.7	117	69 - 122
Ethylbenzene	10.0	0.00	10.7	107	72 - 125
Tetrachloroethene	10.0	0.00	10.6	106	66 - 116
Toluene	10.0	0.00	10.4	104	73 - 122
1,1,1-Trichloroethane	10.0	0.00	12.6	126	69 - 127
Trichloroethene	10.0	0.00	10.6	106	76 - 117

GMI22-08MMSD/AA75477 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	10.0	10.5	105	1	40	68 - 124
Chlorobenzene	10.0	9.76	98	4	40	73 - 127
Chloroform	10.0	11.6	116	0	40	63 - 117
Dibromochloromethane	10.0	7.24	72	7	40	64 - 120
1,1-Dichloroethene	10.0	12.3	123	* 5	40	69 - 122
Ethylbenzene	10.0	10.6	106	1	40	72 - 125
Tetrachloroethene	10.0	10.5	105	1	40	66 - 116
Toluene	10.0	10.0	100	4	40	73 - 122
1,1,1-Trichloroethane	10.0	12.5	125	1	40	69 - 127
Trichloroethene	10.0	10.4	104	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: 1 out of 20 outside limits.
vwm0201A

282391

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: GMI22-08M/AA75475 Level:(low/med) LOW

GMI22-08MMS/AA75476 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	108	0.00	76.1	71		47 - 135
Benzo(a)anthracene	108	0.00	96.0	89		43 - 136
Benzo(a)pyrene	108	0.00	92.2	86		17 - 152
bis(2-Chloroethoxy)methane	108	0.00	79.5	74		33 - 154
Butyl benzyl phthalate	108	1.97	108	99		54 - 143
4-Chloro-3-methylphenol	161	0.00	110	68		39 - 131
2-Chlorophenol	161	0.00	133	82		23 - 127
1,4-Dichlorobenzene	108	0.00	74.4	69		20 - 124
2,4-Dinitrotoluene	108	0.00	88.2	82		47 - 129
Hexachlorobenzene	108	0.00	84.2	78		42 - 144
Naphthalene	108	0.00	73.0	68		33 - 127
4-Nitrophenol	161	0.00	147	91		D - 132
N-Nitroso-di-n-propylamine	108	0.00	104	97		D - 139
Pentachlorophenol	161	0.00	131	81		14 - 155
Phenol	161	0.00	117	73		29 - 112
Pyrene	108	0.00	92.7	86		60 - 115
1,2,4-Trichlorobenzene	108	0.00	69.0	64		44 - 142

GMI22-08MMSD/AA75477 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	103	64.1	62		13		40	47 - 135
Benzo(a)anthracene	103	81.1	79		13		40	43 - 136
Benzo(a)pyrene	103	79.1	77		11		40	17 - 152
bis(2-Chloroethoxy)methane	103	69.0	67		10		40	33 - 154
Butyl benzyl phthalate	103	89.4	85		15		40	54 - 143
4-Chloro-3-methylphenol	155	89.2	58		17		40	39 - 131
2-Chlorophenol	155	120	78		6		40	23 - 127
1,4-Dichlorobenzene	103	70.3	68		1		40	20 - 124
2,4-Dinitrotoluene	103	78.4	76		8		40	47 - 129
Hexachlorobenzene	103	73.8	72		9		40	42 - 144
Naphthalene	103	65.3	63		7		40	33 - 127
4-Nitrophenol	155	129	83		9		40	D - 132
N-Nitroso-di-n-propylamine	103	92.5	90		8		40	D - 139
Pentachlorophenol	155	113	73		11		40	14 - 155
Phenol	155	107	69		5		40	29 - 112
Pyrene	103	76.5	74		15		40	60 - 115
1,2,4-Trichlorobenzene	103	62.7	61		5		40	44 - 142

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.
SWM6825B

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: LF04-4E/AA75465 Level: (low/med) LOW

LF04-4EMS/AA75464 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000	0.00	2080	104	75 - 125
Antimony	500	0.00	523	105	75 - 125
Arsenic	2000	0.00	2070	104	75 - 125
Barium	2000	79.0	2130	103	75 - 125
Beryllium	50.0	0.00	48.0	96	75 - 125
Cadmium	50.0	0.00	53.0	106	75 - 125
Calcium					
Chromium	200	0.00	208	104	75 - 125
Cobalt	500	0.00	523	105	75 - 125
Copper	250	0.00	256	102	75 - 125
Iron	1000	156	1200	104	75 - 125
Lead	500	0.00	504	101	75 - 125
Magnesium					
Manganese	500	122	625	101	75 - 125
Molybdenum	500	0.00	515	103	75 - 125
Nickel	500	0.00	525	105	75 - 125
Potassium					
Selenium	2000	0.00	1860	93	75 - 125
Silver	100	0.00	104	104	75 - 125
Sodium					
Thallium	2000	0.00	1680	84	75 - 125
Vanadium	500	0.00	509	102	75 - 125
Zinc	500	0.00	489	98	75 - 125

Spike Recovery: 0 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: LF04-4E/AA75465 Level: (low/med) LOW

LF04-4EMSD/AA75463 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aluminum	2000	2080	104		0		20	75 - 125
Antimony	500	527	105		1		20	75 - 125
Arsenic	2000	2080	104		0		20	75 - 125
Barium	2000	2120	102		0		20	75 - 125
Beryllium	50.0	48.0	96		0		20	75 - 125
Cadmium	50.0	54.0	108		2		20	75 - 125
Calcium								
Chromium	200	204	102		2		20	75 - 125
Cobalt	500	519	104		1		20	75 - 125
Copper	250	258	103		1		20	75 - 125
Iron	1000	1190	103		1		20	75 - 125
Lead	500	521	104		3		20	75 - 125
Magnesium								
Manganese	500	631	102		1		20	75 - 125
Molybdenum	500	507	101		2		20	75 - 125
Nickel	500	521	104		1		20	75 - 125
Potassium								
Selenium	2000	1890	95		2		20	75 - 125
Silver	100	104	104		0		20	75 - 125
Sodium								
Thallium	2000	1770	89		5		20	75 - 125
Vanadium	500	510	102		0		20	75 - 125
Zinc	500	487	97		0		20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 0 out of 23 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

iwm2208

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: LF04-4E/AA75465 Level: (low/med) LOW

LF04-4EMS/AA75464 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	46.2	92		75 - 125
Lead (EPA 7421)	50.0	0.00	51.8	104		75 - 125
Selenium (EPA 7740)	50.0	0.00	48.5	97		75 - 125
Thallium (EPA 7841)	50.0	0.00	41.2	82		75 - 125

LF04-4EMSD/AA75463 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	REC.
Arsenic (EPA 7060)	50.0	40.0	80		14		20	75 - 125
Lead (EPA 7421)	50.0	54.1	108		0		20	75 - 125
Selenium (EPA 7740)	50.0	48.4	97		0		20	75 - 125
Thallium (EPA 7841)	50.0	40.4	81		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.

fwm2210

3 - 7470

282395

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: LF04-4E/AA75465 Level: (low/med) LOW

LF04-4EMS/AA75464 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.00	0.969	97	75 - 125

LF04-4EMSD/AA75463 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.955	96		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.

hgwm0423

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75460

Sample No.: LF04-4E/AA75465 Level:(low/med)LOW

LF04-4EMS/AA75464 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	500	0.00	502	100	68 - 124
Chlorobenzene	500	0.00	485	97	73 - 127
Chloroform	500	0.00	499	100	63 - 117
Dibromochloromethane	500	0.00	493	99	64 - 120
1,1-Dichloroethene	500	0.00	503	101	69 - 122
Ethylbenzene	500	0.00	482	96	72 - 125
Tetrachloroethene	500	0.00	472	94	66 - 116
Toluene	500	0.00	488	98	73 - 122
1,1,1-Trichloroethane	500	0.00	493	99	69 - 127
Trichloroethene	500	1630	2170	108	76 - 117

LF04-4EMSD/AA75463 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	500	504	101	0	40	68 - 124
Chlorobenzene	500	492	98	1	40	73 - 127
Chloroform	500	493	99	1	40	63 - 117
Dibromochloromethane	500	516	103	5	40	64 - 120
1,1-Dichloroethene	500	508	102	1	40	69 - 122
Ethylbenzene	500	489	98	1	40	72 - 125
Tetrachloroethene	500	461	92	2	40	66 - 116
Toluene	500	481	96	1	40	73 - 122
1,1,1-Trichloroethane	500	477	95	3	40	69 - 127
Trichloroethene	500	2220	118	9	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.
vwm0881

282397

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: LF04-4E/AA75465 Level:(low/med) LOW

LF04-4EMS/AA75464 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	103	0.00	63.3	61		47 - 135
Benzo(a)anthracene	103	0.00	75.0	73		43 - 136
Benzo(a)pyrene	103	0.00	76.4	74		17 - 152
bis(2-Chloroethoxy)methane	103	0.00	66.1	64		33 - 154
Butyl benzyl phthalate	103	43.2	111	66		54 - 143
4-Chloro-3-methylphenol	155	0.00	104	67		39 - 131
2-Chlorophenol	155	0.00	119	77		23 - 127
1,4-Dichlorobenzene	103	0.00	62.6	61		20 - 124
2,4-Dinitrotoluene	103	0.00	67.2	65		47 - 129
Hexachlorobenzene	103	0.00	68.3	66		42 - 144
Naphthalene	103	0.00	59.7	58		33 - 127
4-Nitrophenol	155	0.00	103	67		D - 132
N-Nitroso-di-n-propylamine	103	0.00	89.2	87		D - 139
Pentachlorophenol	155	0.00	107	69		14 - 155
Phenol	155	0.00	115	74		29 - 112
Pyrene	103	0.00	80.0	78		60 - 115
1,2,4-Trichlorobenzene	103	0.00	56.7	55		44 - 142

LF04-4EMSD/AA75463 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	102	58.2	57		7		40	47 - 135
Benzo(a)anthracene	102	68.0	67		9		40	43 - 136
Benzo(a)pyrene	102	68.5	67		10		40	17 - 152
bis(2-Chloroethoxy)methane	102	59.4	58		10		40	33 - 154
Butyl benzyl phthalate	102	102	58		13		40	54 - 143
4-Chloro-3-methylphenol	153	93.7	61		9		40	39 - 131
2-Chlorophenol	153	107	70		10		40	23 - 127
1,4-Dichlorobenzene	102	56.8	56		9		40	20 - 124
2,4-Dinitrotoluene	102	62.1	61		7		40	47 - 129
Hexachlorobenzene	102	64.7	63		4		40	42 - 144
Naphthalene	102	54.2	53		9		40	33 - 127
4-Nitrophenol	153	94.5	62		8		40	D - 132
N-Nitroso-di-n-propylamine	102	77.3	76		13		40	D - 139
Pentachlorophenol	153	100	65		6		40	14 - 155
Phenol	153	101	66		12		40	29 - 112
Pyrene	102	73.3	72		8		40	60 - 115
1,2,4-Trichlorobenzene	102	52.3	51		7		40	44 - 142

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.
SWM6825

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75480

Matrix Spike - Lab ID No.: MW-10/AA75489 Level: (low/med) LOW

MW-10MS/AA75490 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	0.00	2320	116		75 - 125
Antimony	500	0.00	505	101		75 - 125
Arsenic	2000	0.00	1970	99		75 - 125
Barium	2000	222	2200	99		75 - 125
Beryllium	50.0	0.00	46.0	92		75 - 125
Cadmium	50.0	0.00	51.0	102		75 - 125
Calcium						
Chromium	200	0.00	195	98		75 - 125
Cobalt	500	0.00	500	100		75 - 125
Copper	250	0.00	250	100		75 - 125
Iron	1000	5380	6410	103		75 - 125
Lead	500	0.00	512	102		75 - 125
Magnesium						
Manganese	500	7070	7440	74	*	75 - 125
Molybdenum	500	0.00	497	99		75 - 125
Nickel	500	0.00	511	102		75 - 125
Potassium						
Selenium	2000	0.00	1800	90		75 - 125
Silver	100	0.00	101	101		75 - 125
Sodium						
Thallium	2000	0.00	1630	82		75 - 125
Vanadium	500	0.00	483	97		75 - 125
Zinc	500	0.00	462	92		75 - 125

Spike Recovery: 1 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75480

Matrix Spike - Lab ID No.: MW-10/AA75489 Level: (low/med) LOW

MW-10MSD/AA75491 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Aluminum	2000	2350	118		1	20	75 - 125
Antimony	500	501	100		1	20	75 - 125
Arsenic	2000	1980	99		1	20	75 - 125
Barium	2000	2200	99		0	20	75 - 125
Beryllium	50.0	46.0	92		0	20	75 - 125
Cadmium	50.0	52.0	104		2	20	75 - 125
Calcium							
Chromium	200	203	102		4	20	75 - 125
Cobalt	500	504	101		1	20	75 - 125
Copper	250	250	100		0	20	75 - 125
Iron	1000	6410	103		0	20	75 - 125
Lead	500	515	103		1	20	75 - 125
Magnesium							
Manganese	500	7450	76		3	20	75 - 125
Molybdenum	500	495	99		0	20	75 - 125
Nickel	500	500	100		2	20	75 - 125
Potassium							
Selenium	2000	1810	91		1	20	75 - 125
Silver	100	103	103		2	20	75 - 125
Sodium							
Thallium	2000	1610	81		1	20	75 - 125
Vanadium	500	483	97		0	20	75 - 125
Zinc	500	462	92		0	20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 0 out of 23 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

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75480

Sample No.: MW-10/AA75489 Level: (low/med) LOW

MW-10MS/AA75490 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	18.1	66.8	97		75 - 125
Lead (EPA 7421)	50.0	9.97	56.2	92		75 - 125
Selenium (EPA 7740)	50.0	0.00	45.0	90		75 - 125
Thallium (EPA 7841)	50.0	0.00	44.0	88		75 - 125

MW-10MSD/AA75491 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	67.1	98		1		20	75 - 125
Lead (EPA 7421)	50.0	57.2	94		0		20	75 - 125
Selenium (EPA 7740)	50.0	43.9	88		2		20	75 - 125
Thallium (EPA 7841)	50.0	46.2	92		5		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 5 outside limits.
Spike Recovery: 0 out of 10 outside limits.

fwm2225

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75480

Sample No.: MW-10/AA75489 Level: (low/med) LOW

MW-10MS/AA75490 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.00	0.970	97	75 - 125

MW-10MSD/AA75491 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.916	92		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.

hgwm0424

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75480

Sample No.: MW-10/AA75489 Level:(low/med)LOW

MW-10MS/AA75490 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	5000	5340	10500	103		66 - 124
Chlorobenzene	5000	0.00	4940	99		73 - 127
Chloroform	5000	0.00	5060	101		63 - 117
Dibromochloromethane	5000	0.00	4810	96		64 - 120
1,1-Dichloroethene	5000	0.00	5140	103		69 - 122
Ethylbenzene	5000	3830	9280	109		72 - 125
Tetrachloroethene	5000	0.00	4790	96		66 - 116
Toluene	5000	13200	18200	100		73 - 122
1,1,1-Trichloroethane	5000	0.00	5130	103		69 - 127
Trichloroethene	5000	0.00	5030	101		76 - 117

MW-10MSD/AA75491 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	5000	10700	107	4		40	66 - 124
Chlorobenzene	5000	5020	100	2		40	73 - 127
Chloroform	5000	5120	102	1		40	63 - 117
Dibromochloromethane	5000	5150	103	7		40	64 - 120
1,1-Dichloroethene	5000	4960	99	4		40	69 - 122
Ethylbenzene	5000	9460	113	3		40	72 - 125
Tetrachloroethene	5000	4760	95	1		40	66 - 116
Toluene	5000	18700	110	10		40	73 - 122
1,1,1-Trichloroethane	5000	5060	101	1		40	69 - 127
Trichloroethene	5000	5030	101	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.
VWM0882

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75480

Sample No.: MW-10/AA75489 Level:(low/med) LOW

MW-10MS/AA75490 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	100	0.00	72.2	72		47 - 136
Benzo(a)anthracene	100	0.00	69.6	70		48 - 139
Benzo(a)pyrene	100	0.00	67.7	68		17 - 156
bis(2-Chloroethoxy)methane	100	0.00	65.2	65		33 - 154
Butyl benzyl phthalate	100	31.5	98.8	67		36 - 152
4-Chloro-3-methylphenol	150	0.00	96.1	64		44 - 136
2-Chlorophenol	150	0.00	119	79		28 - 134
1,4-Dichlorobenzene	100	0.00	59.0	59		20 - 124
2,4-Dinitrotoluene	100	0.00	58.6	59		44 - 135
Hexachlorobenzene	100	0.00	74.4	74		34 - 152
Naphthalene	100	551	508	(43)	#	42 - 128
4-Nitrophenol	150	0.00	83.3	56		D - 132
N-Nitroso-di-n-propylamine	100	0.00	82.0	82		30 - 144
Pentachlorophenol	150	0.00	118	79		14 - 176
Phenol	150	0.00	121	81		19 - 112
Pyrene	100	0.00	70.6	71		52 - 115
1,2,4-Trichlorobenzene	100	0.00	62.9	63		44 - 124

MW-10MS/AA75491 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	100	80.7	81		11		40	47 - 136
Benzo(a)anthracene	100	80.1	80		14		40	48 - 139
Benzo(a)pyrene -	100	75.8	76		11		40	17 - 156
bis(2-Chloroethoxy)methane	100	72.2	72		10		40	33 - 154
Butyl benzyl phthalate	100	113	82		19		40	36 - 152
4-Chloro-3-methylphenol	150	109	73		13		40	44 - 136
2-Chlorophenol	150	131	87		10		40	28 - 134
1,4-Dichlorobenzene	100	67.3	67		13		40	20 - 124
2,4-Dinitrotoluene	100	63.3	63		8		40	44 - 135
Hexachlorobenzene	100	90.9	91		20		40	34 - 152
Naphthalene	100	540	-11	#	119	#	40	42 - 128
4-Nitrophenol	150	90.2	60		8		40	D - 132
N-Nitroso-di-n-propylamine	100	89.1	89		8		40	30 - 144
Pentachlorophenol	150	139	93		16		40	14 - 176
Phenol	150	132	88		9		40	19 - 112
Pyrene	100	81.4	81		14		40	52 - 115
1,2,4-Trichlorobenzene	100	69.5	70		10		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.
sms6824

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: OT15C/AA75471 Level: (low/med) LOW

OT15CMS/AA75472 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	0.00	3070	154	*	75 - 125
Antimony	500	0.00	528	106		75 - 125
Arsenic	2000	0.00	2100	105		75 - 125
Barium	2000	167	2200	102		75 - 125
Beryllium	50.0	0.00	49.0	98		75 - 125
Cadmium	50.0	0.00	52.0	104		75 - 125
Calcium						
Chromium	200	0.00	206	103		75 - 125
Cobalt	500	0.00	524	105		75 - 125
Copper	250	0.00	264	106		75 - 125
Iron	1000	0.00	1100	110		75 - 125
Lead	500	0.00	518	104		75 - 125
Magnesium						
Manganese	500	223	732	102		75 - 125
Molybdenum	500	0.00	510	102		75 - 125
Nickel	500	0.00	516	103		75 - 125
Potassium						
Selenium	2000	0.00	1890	95		75 - 125
Silver	100	0.00	105	105		75 - 125
Sodium						
Thallium	2000	0.00	1680	84		75 - 125
Vanadium	500	0.00	510	102		75 - 125
Zinc	500	0.00	512	102		75 - 125

Spike Recovery: 1 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Matrix Spike - Lab ID No.: OT15C/AA75471 Level: (low/med) LOW

OT15CMSD/AA75473 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	2020	101		41	*	20	75 - 125
Antimony	500	543	109		3		20	75 - 125
Arsenic	2000	2050	103		2		20	75 - 125
Barium	2000	2230	103		1		20	75 - 125
Beryllium	50.0	49.0	98		0		20	75 - 125
Cadmium	50.0	55.0	110		6		20	75 - 125
Calcium								
Chromium	200	206	103		0		20	75 - 125
Cobalt	500	529	106		1		20	75 - 125
Copper	250	258	103		2		20	75 - 125
Iron	1000	1080	108		2		20	75 - 125
Lead	500	518	104		0		20	75 - 125
Magnesium								
Manganese	500	733	102		0		20	75 - 125
Molybdenum	500	512	102		0		20	75 - 125
Nickel	500	518	104		0		20	75 - 125
Potassium								
Selenium	2000	1900	95		1		20	75 - 125
Silver	100	106	106		1		20	75 - 125
Sodium								
Thallium	2000	1630	82		3		20	75 - 125
Vanadium	500	516	103		1		20	75 - 125
Zinc	500	491	98		4		20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 1 out of 23 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

iwm2208A

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: OT15C/AA75471 Level: (low/med) LOW

OT15CMS/AA75472 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	45.5	91		75 - 125
Lead (EPA 7421)	50.0	0.00	52.8	106		75 - 125
Selenium (EPA 7740)	50.0	0.00	49.7	99		75 - 125
Thallium (EPA 7841)	50.0	0.00	40.6	81		75 - 125

OT15CMSD/AA75473 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	REC.
Arsenic (EPA 7060)	50.0	45.6	91		0		20	75 - 125
Lead (EPA 7421)	50.0	52.0	104		0		20	75 - 125
Selenium (EPA 7740)	50.0	50.1	100		1		20	75 - 125
Thallium (EPA 7841)	50.0	41.0	82		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.

fwm2210A

3 - 7470

282497

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: OT15C/AA75471 Level: (low/med) LOW

OT15CMS/AA75472 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.928	93		75 - 125

OT15CMSD/AA75473 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.928	93		0		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.

hgwm423A

3 - 8260

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75460

Sample No.: OT15C/AA75471 Level:(low/med)LOW

OT15CMS/AA75472 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.777	10.8	100	68 - 124
Chlorobenzene	10.0	0.00	10.0	100	73 - 127
Chloroform	10.0	0.00	11.4	114	63 - 117
Dibromochloromethane	10.0	0.00	8.34	83	64 - 120
1,1-Dichloroethene	10.0	0.00	11.7	117	69 - 122
Ethylbenzene	10.0	0.673	11.2	105	72 - 125
Tetrachloroethene	10.0	0.747	11.3	105	66 - 116
Toluene	10.0	6.44	15.9	95	73 - 122
1,1,1-Trichloroethane	10.0	0.00	12.4	124	69 - 127
Trichloroethene	10.0	3.64	11.8	81	76 - 117

OT15CMSD/AA75473 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	10.0	11.1	103	2	40	68 - 124
Chlorobenzene	10.0	10.1	101	1	40	73 - 127
Chloroform	10.0	11.7	117	3	40	63 - 117
Dibromochloromethane	10.0	7.60	76	9	40	64 - 120
1,1-Dichloroethene	10.0	12.5	125	7	40	69 - 122
Ethylbenzene	10.0	11.6	109	4	40	72 - 125
Tetrachloroethene	10.0	11.7	109	4	40	66 - 116
Toluene	10.0	16.1	97	2	40	73 - 122
1,1,1-Trichloroethane	10.0	12.7	127	2	40	69 - 127
Trichloroethene	10.0	12.0	84	3	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.
vwm0201

PESTICIDES/PCB
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
Law Environmental, Inc.

282409

Column I.D.: DB - 5

SF: PPMW6828
SDG: 75466

Data File MS.: GJULY13
MS Sample No.: AA75472
MS Pest Date Analyzed: 07-25-95
MS Pest Time Analyzed: 19:24
MS PCB Date Analyzed:
MS PCB Time Analyzed:

Data File MD.: GJULY14
MD Sample No.: AA75473
MD Pest Date Analyzed: 07-25-95
MD Pest Time Analyzed: 20:18
MD PCB Date Analyzed:
MD PCB Time Analyzed:

MS PEST C.F: 1.05
MS PCB C.F.:

MD PEST C.F.: 1.00
MD PCB C.F.:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC.#	QC LIMITS REC.
gamma-BHC (Lindane)	0.42	0.00	0.53	126	55 -127
Heptachlor	0.42	0.00	0.45	107	43 -111
Aldrin	0.42	0.00	0.45	107	42 -122
Dieldrin	1.05	0.00	1.13	108	40 -146
Endrin	1.05	0.00	0.95	90	42 -147
DDT	1.05	0.00	0.98	93	59 -148
AR1016	NS			0	50 -114
AR1260	NS			0	8 -127
DBC	1.05		1.07	102	33 -186
TCMX	0.21		0.20	95	24 -151

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC.	% RPD #	RPD	REC
gamma-BHC (Lindane)	0.40	0.44	110	14	40	55 -127
Heptachlor	0.40	0.43	108	0	40	43 -111
Aldrin	0.40	0.42	105	2	40	42 -122
Dieldrin	1.00	1.03	103	4	40	40 -146
Endrin	1.00	0.89	89	2	40	42 -147
DDT	1.00	0.90	90	4	40	59 -148
AR1016	NS			0	40	50 -114
AR1260	NS			0	40	8 -127
DBC	1.00	1.00	100			33 -186
TCMX	0.20	0.17	85			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 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75460

Sample No.: OT15C/AA75471 Level:(low/med) LOW

OT15CMS/AA75472 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	101	0.00	70.2	70		47 - 135
Benzo(a)anthracene	101	0.00	82.0	81		43 - 136
Benzo(a)pyrene	101	0.00	80.6	80		17 - 152
bis(2-Chloroethoxy)methane	101	0.00	67.0	66		33 - 154
Butyl benzyl phthalate	101	53.3	139	85		54 - 143
4-Chloro-3-methylphenol	152	0.00	108	71		39 - 131
2-Chlorophenol	152	0.00	124	82		23 - 127
1,4-Dichlorobenzene	101	0.00	67.8	67		20 - 124
2,4-Dinitrotoluene	101	0.00	75.5	75		47 - 129
Hexachlorobenzene	101	0.00	70.2	70		42 - 144
Naphthalene	101	0.00	62.5	62		33 - 127
4-Nitrophenol	152	0.00	126	83		D - 132
N-Nitroso-di-n-propylamine	101	0.00	91.8	91		D - 139
Pentachlorophenol	152	0.00	116	77		14 - 155
Phenol	152	0.00	118	78		29 - 112
Pyrene	101	0.00	82.3	81		60 - 115
1,2,4-Trichlorobenzene	101	0.00	58.7	58		44 - 142

OT15CMSD/AA75473 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	100	74.3	74		7		40	47 - 135
Benzo(a)anthracene	100	85.3	85		5		40	43 - 136
Benzo(a)pyrene	100	83.3	83		4		40	17 - 152
bis(2-Chloroethoxy)methane	100	72.6	73		9		40	33 - 154
Butyl benzyl phthalate	100	144	91		7		40	54 - 143
4-Chloro-3-methylphenol	150	112	75		5		40	39 - 131
2-Chlorophenol	150	126	84		3		40	23 - 127
1,4-Dichlorobenzene	100	68.2	68		2		40	20 - 124
2,4-Dinitrotoluene	100	78.8	79		5		40	47 - 129
Hexachlorobenzene	100	71.8	72		3		40	42 - 144
Naphthalene	100	66.7	67		7		40	33 - 127
4-Nitrophenol	150	133	89		6		40	D - 132
N-Nitroso-di-n-propylamine	100	96.2	96		6		40	D - 139
Pentachlorophenol	150	119	79		4		40	14 - 155
Phenol	150	121	81		4		40	29 - 112
Pyrene	100	85.5	86		5		40	60 - 115
1,2,4-Trichlorobenzene	100	62.0	62		6		40	44 - 142

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.
SWM6825A

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75427

Matrix Spike - Lab ID No.: SD13-03/AA75434 Level: (low/med) LOW

SD13-03MS/AA75433 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	2540	4200	83		75 - 125
Antimony	500	0.00	482	96		75 - 125
Arsenic	2000	0.00	2090	105		75 - 125
Barium	2000	304	2300	100		75 - 125
Beryllium	50.0	0.00	48.0	96		75 - 125
Cadmium	50.0	0.00	53.0	106		75 - 125
Calcium						
Chromium	200	0.00	207	104		75 - 125
Cobalt	500	0.00	517	103		75 - 125
Copper	250	0.00	259	104		75 - 125
Iron	1000	20700	20800	10	*	75 - 125
Lead	500	0.00	517	103		75 - 125
Magnesium						
Manganese	500	285	767	96		75 - 125
Molybdenum	500	0.00	491	98		75 - 125
Nickel	500	0.00	521	104		75 - 125
Potassium						
Selenium	2000	0.00	1890	95		75 - 125
Silver	100	0.00	105	105		75 - 125
Sodium						
Thallium	2000	0.00	1710	86		75 - 125
Vanadium	500	0.00	510	102		75 - 125
Zinc	500	16.0	506	98		75 - 125

Spike Recovery: 1 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75427

Matrix Spike - Lab ID No.: SD13-03/AA75434 Level: (low/med) LOW

SD13-03MSD/AA75432 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	4130	80		4		20	75 - 125
Antimony	500	491	98		2		20	75 - 125
Arsenic	2000	2060	103		1		20	75 - 125
Barium	2000	2300	100		0		20	75 - 125
Beryllium	50.0	48.0	96		0		20	75 - 125
Cadmium	50.0	52.0	104		2		20	75 - 125
Calcium								
Chromium	200	204	102		1		20	75 - 125
Cobalt	500	517	103		0		20	75 - 125
Copper	250	255	102		2		20	75 - 125
Iron	1000	20900	20	*	67	*	20	75 - 125
Lead	500	516	103		0		20	75 - 125
Magnesium								
Manganese	500	768	97		0		20	75 - 125
Molybdenum	500	492	98		0		20	75 - 125
Nickel	500	529	106		2		20	75 - 125
Potassium								
Selenium	2000	1860	93		2		20	75 - 125
Silver	100	106	106		1		20	75 - 125
Sodium								
Thallium	2000	1800	90		5		20	75 - 125
Vanadium	500	511	102		0		20	75 - 125
Zinc	500	498	96		2		20	75 - 125

Spike Recovery: 1 out of 23 outside limits.
RPD: 1 out of 23 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

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75427

Sample No.: SD13-03/AA75434 Level: (low/med) LOW

SD13-03MS/AA75433 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	37.7	81.1	87	75 - 125
Lead (EPA 7421)	50.0	8.02	54.4	93	75 - 125
Selenium (EPA 7740)	50.0	0.00	41.8	84	75 - 125
Thallium (EPA 7841)	50.0	0.00	52.0	104	75 - 125

SD13-03MSD/AA75432 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	80.9	86		0	20	75 - 125
Lead (EPA 7421)	50.0	61.8	108		0	20	75 - 125
Selenium (EPA 7740)	50.0	40.9	82		2	20	75 - 125
Thallium (EPA 7841)	50.0	53.1	106		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.

fwm2220

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75427

Sample No.: SD13-03/AA75434 Level: (low/med) LOW

SD13-03MS/AA75433 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	1.01	101		75 - 125

SD13-03MSD/AA75432 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	1.01	101		0		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.

hgwm0421

3 - 8240

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75427

Sample No.: SD13-03/AA75434 Level:(low/med)LOW

SD13-03MS/AA75433 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC. #	QC LIMITS REC.
Benzene	50.0	0.00	58.2	116	68 - 124
Chlorobenzene	50.0	0.00	49.0	98	73 - 127
Chloroform	50.0	0.00	54.4	109	63 - 117
Dibromochloromethane	50.0	0.00	46.3	93	64 - 120
1,1-Dichloroethene	50.0	0.00	55.4	111	69 - 122
Ethylbenzene	50.0	0.00	51.8	104	72 - 125
Tetrachloroethene	50.0	0.00	47.8	96	66 - 116
Toluene	50.0	0.00	51.1	102	73 - 122
1,1,1-Trichloroethane	50.0	0.00	53.9	108	69 - 127
Trichloroethene	50.0	0.00	50.9	102	76 - 117

SD13-03MSD/AA75432 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD #	RPD	QC LIMITS REC.
Benzene	50.0	58.7	117	1	40	68 - 124
Chlorobenzene	50.0	51.4	103	5	40	73 - 127
Chloroform	50.0	55.4	111	2	40	63 - 117
Dibromochloromethane	50.0	47.4	95	2	40	64 - 120
1,1-Dichloroethene	50.0	59.5	119	7	40	69 - 122
Ethylbenzene	50.0	52.4	105	1	40	72 - 125
Tetrachloroethene	50.0	49.1	98	3	40	66 - 116
Toluene	50.0	51.6	103	1	40	73 - 122
1,1,1-Trichloroethane	50.0	56.4	113	5	40	69 - 127
Trichloroethene	50.0	51.7	103	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: 0 out of 20 outside limits.
vmw_C39

3 - 8270

SEMIVOLATILE

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75427

Sample No.: SD13-03/AA75434 Level:(low/med) LOW

SD13-03MS/AA75433 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	106	0	86.8	82		47 - 136
Benzo(a)anthracene	106	0	101	95		48 - 139
Benzo(a)pyrene	106	0	96.4	91		17 - 156
bis(2-Chloroethoxy)methane	106	0	96.5	91		33 - 154
Butyl benzyl phthalate	106	3.79	109	99		36 - 152
4-Chloro-3-methylphenol	160	0	143	90		44 - 136
2-Chlorophenol	160	0	149	93		28 - 134
1,4-Dichlorobenzene	106	0	77.0	72		20 - 124
2,4-Dinitrotoluene	106	0	86.0	81		44 - 135
Hexachlorobenzene	106	0	92.2	87		34 - 152
Naphthalene	106	5.05	85.9	76		42 - 128
4-Nitrophenol	180	0	213	133	*	D - 132
N-Nitroso-di-n-propylamine	106	0	120	113		30 - 144
Pentachlorophenol	160	0	163	102		14 - 176
Phenol	160	0	136	85		19 - 112
Pyrene	106	0	97.2	91		52 - 115
1,2,4-Trichlorobenzene	106	0	80.6	76		44 - 124

SD13-03MSD/AA75432 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATIO ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	110	88.5	81	1		40	47 - 136
Benzo(a)anthracene	110	103	94	1		40	48 - 139
Benzo(a)pyrene	110	100	91	0		40	17 - 156
bis(2-Chloroethoxy)methane	110	103	94	3		40	33 - 154
Butyl benzyl phthalate	110	109	96	3		40	36 - 152
4-Chloro-3-methylphenol	165	151	92	2		40	44 - 136
2-Chlorophenol	165	154	93	0		40	28 - 134
1,4-Dichlorobenzene	110	77.7	71	2		40	20 - 124
2,4-Dinitrotoluene	110	89.7	82	1		40	44 - 135
Hexachlorobenzene	110	96.6	88	1		40	34 - 152
Naphthalene	110	90.4	78	2		40	42 - 128
4-Nitrophenol	165	231	140	5	*	40	D - 132
N-Nitroso-di-n-propylamine	110	128	116	3		40	30 - 144
Pentachlorophenol	165	170	103	1		40	14 - 176
Phenol	165	137	83	3		40	19 - 112
Pyrene	110	101	92	1		40	52 - 115
1,2,4-Trichlorobenzene	110	83.8	76	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: 2 out of 34 outside limits.

SWM6818

3 - 6010

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75355

Matrix Spike - Lab ID No.: ST14-W09/AA75355 Level: (low/med) LOW

ST14-W09MS/AA75356 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2000	0.00	1970	99	75 - 125
Antimony	500	0.00	509	102	75 - 125
Arsenic	2000	0.00	2060	103	75 - 125
Barium	2000	111	2100	99	75 - 125
Beryllium	50.0	0.00	48.0	96	75 - 125
Cadmium	50.0	0.00	52.0	104	75 - 125
Calcium					
Chromium	200	0.00	204	102	75 - 125
Cobalt	500	0.00	517	103	75 - 125
Copper	250	0.00	251	100	75 - 125
Iron	1000	191	1210	102	75 - 125
Lead	500	0.00	508	102	75 - 125
Magnesium					
Manganese	500	102	601	100	75 - 125
Molybdenum	500	0.00	517	103	75 - 125
Nickel	500	0.00	518	104	75 - 125
Potassium					
Selenium	2000	0.00	1890	95	75 - 125
Silver	100	0.00	105	105	75 - 125
Sodium					
Thallium	2000	0.00	1650	83	75 - 125
Vanadium	500	0.00	512	102	75 - 125
Zinc	500	15.0	472	93	75 - 125

Spike Recovery: 0 out of 23 outside limits.

The following analytes are not included in the ICP spike solution:
Calcium Magnesium
Potassium Sodium

METALS BY ICP CONT.
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75355

Matrix Spike - Lab ID No.: ST14-W09/AA75355 Level: (low/med) LOW

ST14-W09MSD/AA75357 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	# RPD	QC LIMITS REC.
Aluminum	2000	1990	100		1	20	75 - 125
Antimony	500	503	101		1	20	75 - 125
Arsenic	2000	2010	101		2	20	75 - 125
Barium	2000	2110	100		1	20	75 - 125
Beryllium	50.0	48.0	96		0	20	75 - 125
Cadmium	50.0	52.0	104		0	20	75 - 125
Calcium							
Chromium	200	206	103		1	20	75 - 125
Cobalt	500	518	104		0	20	75 - 125
Copper	250	250	100		0	20	75 - 125
Iron	1000	1330	114		11	20	75 - 125
Lead	500	514	103		1	20	75 - 125
Magnesium							
Manganese	500	603	100		0	20	75 - 125
Molybdenum	500	526	105		2	20	75 - 125
Nickel	500	522	104		1	20	75 - 125
Potassium							
Selenium	2000	1880	94		1	20	75 - 125
Silver	100	104	104		1	20	75 - 125
Sodium							
Thallium	2000	1900	95		14	20	75 - 125
Vanadium	500	512	102		0	20	75 - 125
Zinc	500	475	92		2	20	75 - 125

Spike Recovery: 0 out of 23 outside limits.
RPD: 0 out of 23 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

3 - 7000

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75355

Sample No.: ST14-W09/AA75355 Level: (low/med) LOW

ST14-W09MS/AA75356 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	46.6	93		75 - 125
Lead (EPA 7421)	50.0	0.00	50.6	101		75 - 125
Selenium (EPA 7740)	50.0	0.00	49.1	98		75 - 125
Thallium (EPA 7841)	50.0	0.00	43.5	87		75 - 125

ST14-W09MSD/AA75357 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	47.4	95		2		20	75 - 125
Lead (EPA 7421)	50.0	49.6	99		0		20	75 - 125
Selenium (EPA 7740)	50.0	49.4	99		1		20	75 - 125
Thallium (EPA 7841)	50.0	44.0	88		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.

fwm2197

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75355

Sample No.: ST14-W09/AA75355 Level: (low/med) LOW

ST14-W09MS/AA75356 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.957	96		75 - 125

ST14-W09MSD/AA75357 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Mercury	1.00	0.943	94		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.

hgwm0420

00205
282421

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75355

Sample No.: ST14-W09/AA75355 Level:(low/med)LOW

ST14-W09MS/AA75356 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.000	10.4	104		68 - 124
Chlorobenzene	10.0	0.00	9.94	99		73 - 127
Chloroform	10.0	0.00	11.1	111		63 - 117
Dibromochloromethane	10.0	0.00	9.01	90		64 - 120
1,1-Dichloroethene	10.0	0.00	11.4	114		69 - 122
Ethylbenzene	10.0	0.00	10.2	102		72 - 125
Tetrachloroethene	10.0	0.00	10.3	103		66 - 116
Toluene	10.0	0.00	10.4	104		73 - 122
1,1,1-Trichloroethane	10.0	0.00	11.7	117		69 - 127
Trichloroethene	10.0	0.00	11.1	111		76 - 117

ST14-W09MSD/AA75357 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Benzene	10.0	10.4	104	0		40	68 - 124
Chlorobenzene	10.0	9.86	99	1		40	73 - 127
Chloroform	10.0	10.8	108	3		40	63 - 117
Dibromochloromethane	10.0	9.47	95	5		40	64 - 120
1,1-Dichloroethene	10.0	9.34	93	20		40	69 - 122
Ethylbenzene	10.0	10.1	101	1		40	72 - 125
Tetrachloroethene	10.0	10.0	100	3		40	66 - 116
Toluene	10.0	10.3	103	1		40	73 - 122
1,1,1-Trichloroethane	10.0	11.3	113	3		40	69 - 127
Trichloroethene	10.0	11.2	112	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.
vmw_C37

3 - 6270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75355

Sample No.: ST14-W09/AA75355 Level:(low/med) LOW

ST14-W09MS/AA75356 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	106	0	80.6	76		47 - 136
Benzo(a)anthracene	106	0	103	97		48 - 139
Benzo(a)pyrene	106	0	87.7	82		17 - 156
bis(2-Chloroethoxy)methane	106	0	88.6	83		33 - 154
Butyl benzyl phthalate	106	33.0	117	79		36 - 152
4-Chloro-3-methylphenol	160	0	122	76		44 - 136
2-Chlorophenol	160	0	137	86		28 - 134
1,4-Dichlorobenzene	106	0	82.7	78		20 - 124
2,4-Dinitrotoluene	106	0	95.3	90		44 - 135
Hexachlorobenzene	106	0	100	94		34 - 152
Naphthalene	106	0	75.2	71		42 - 128
4-Nitrophenol	160	0	169	106		D - 132
N-Nitroso-di-n-propylamine	106	0	119	112		30 - 144
Pentachlorophenol	160	0	152	95		14 - 176
Phenol	160	0	117	73		19 - 112
Pyrene	106	0	93.8	88		52 - 115
1,2,4-Trichlorobenzene	106	0	80.4	76		44 - 124

ST14-W09MSD/AA75357 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	104	74.3	71	6		40	47 - 136
Benzo(a)anthracene	104	95.5	92	5		40	48 - 139
Benzo(a)pyrene	104	79.2	76	8		40	17 - 156
bis(2-Chloroethoxy)methane	104	82.9	80	5		40	33 - 154
Butyl benzyl phthalate	104	106	70	12		40	36 - 152
4-Chloro-3-methylphenol	156	113	72	6		40	44 - 136
2-Chlorophenol	156	112	72	18		40	28 - 134
1,4-Dichlorobenzene	104	74.5	71	8		40	20 - 124
2,4-Dinitrotoluene	104	85.9	82	8		40	44 - 135
Hexachlorobenzene	104	93.7	90	4		40	34 - 152
Naphthalene	104	67.0	64	9		40	42 - 128
4-Nitrophenol	156	154	99	7		40	D - 132
N-Nitroso-di-n-propylamine	104	112	107	4		40	30 - 144
Pentachlorophenol	156	137	88	8		40	14 - 176
Phenol	156	112	72	2		40	19 - 112
Pyrene	104	86.6	83	6		40	52 - 115
1,2,4-Trichlorobenzene	104	73.2	70	7		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.
sms6813

METALS BY ICP
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75365

Matrix Spike - Lab ID No.: ST14-W19/AA75366 Level: (low/med) LOW

ST14-W19MS/AA75367 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Aluminum	2000	9210	11400	110		75 - 125
Antimony	500	0.00	429	86		75 - 125
Arsenic	2000	0.00	2090	105		75 - 125
Barium	2000	229	2220	100		75 - 125
Beryllium	50.0	0.00	49.0	98		75 - 125
Cadmium	50.0	0.00	52.0	104		75 - 125
Calcium						
Chromium	200	0.00	216	108		75 - 125
Cobalt	500	0.00	521	104		75 - 125
Copper	250	0.00	285	114		75 - 125
Iron	1000	24700	25300	60	*	75 - 125
Lead	500	0.00	548	110		75 - 125
Magnesium						
Manganese	500	316	798	96		75 - 125
Molybdenum	500	0.00	494	99		75 - 125
Nickel	500	0.00	535	107		75 - 125
Potassium						
Selenium	2000	0.00	1840	92		75 - 125
Silver	100	0.00	102	102		75 - 125
Sodium						
Thallium	2000	0.00	1940	97		75 - 125
Vanadium	500	61.0	551	98		75 - 125
Zinc	500	86.0	557	94		75 - 125

Spike Recovery: 1 out of 23 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

Lab Code: LENL-P Case No.: 11517 SDG No.: 75365

Matrix Spike - Lab ID No.: ST14-W19/AA75366 Level: (low/med) LOW

ST14-W19MSD/AA75365 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Aluminum	2000	13800	230	*	71	*	20	75 - 125
Antimony	500	421	84		2		20	75 - 125
Arsenic	2000	2080	104		0		20	75 - 125
Barium	2000	2240	101		1		20	75 - 125
Beryllium	50.0	49.0	98		0		20	75 - 125
Cadmium	50.0	54.0	108		4		20	75 - 125
Calcium								
Chromium	200	224	112		4		20	75 - 125
Cobalt	500	528	106		1		20	75 - 125
Copper	250	291	116		2		20	75 - 125
Iron	1000	28700	400	*	148	*	20	75 - 125
Lead	500	557	111		2		20	75 - 125
Magnesium								
Manganese	500	835	104		7		20	75 - 125
Molybdenum	500	492	98		0		20	75 - 125
Nickel	500	539	108		1		20	75 - 125
Potassium								
Selenium	2000	1880	94		2		20	75 - 125
Silver	100	102	102		0		20	75 - 125
Sodium								
Thallium	2000	2090	105		7		20	75 - 125
Vanadium	500	564	101		3		20	75 - 125
Zinc	500	575	98		4		20	75 - 125

Spike Recovery: 2 out of 23 outside limits.
RPD: 2 out of 23 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

iwm2202

FURNACE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
AS PB SE TL

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75365

Sample No.: ST14-W19/AA75366 Level: (low/med) LOW

ST14-W19MS/AA75367 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	16.5	49.0	65	*	75 - 125
Lead (EPA 7421)	50.0	39.5	89.2	99		75 - 125
Selenium (EPA 7740)	50.0	0.00	48.7	97		75 - 125
Thallium (EPA 7841)	50.0	0.00	45.7	91		75 - 125

ST14-W19MSD/AA75365 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	RPD	QC LIMITS REC.
Arsenic (EPA 7060)	50.0	47.4	62	*	5		20	75 - 12[illegible]
Lead (EPA 7421)	50.0	96.4	114		0		20	75 - 125
Selenium (EPA 7740)	50.0	49.6	99		2		20	75 - 125
Thallium (EPA 7841)	50.0	44.7	89		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: 2 out of 8 outside limits.

fwm2203

3 - 7470

MERCURY
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
HG

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75365

Sample No.: ST14-W19/AA75366 Level: (low/med) LOW

ST14-W19MS/AA75367 COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	#	QC LIMITS REC.
Mercury	1.00	0.00	0.888	89		75 - 125

ST14-W19MSD/AA75365 COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC.	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Mercury	1.00	0.888	89		0		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.

hgwm420A

3 - 8260

VOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract No.: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG NO.: 75365

Sample No.: ST14-W19/AA75366 Level:(low/med)LOW

ST14-W19MS/AA75367 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	70.8	105	172	*	68 - 124
Chlorobenzene	20.0	0.00	20.3	102		73 - 127
Chloroform	20.0	0.00	20.2	101		63 - 117
Dibromochloromethane	20.0	0.00	19.5	98		64 - 120
1,1-Dichloroethene	20.0	0.00	20.5	102		69 - 122
Ethylbenzene	20.0	23.3	46.0	114		72 - 125
Tetrachloroethene	20.0	0.00	19.9	99		66 - 116
Toluene	20.0	0.00	21.1	106		73 - 122
1,1,1-Trichloroethane	20.0	0.00	20.8	104		69 - 127
Trichloroethene	20.0	0.00	21.2	106		76 - 117

ST14-W19MSD/AA75365 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.		% RPD	#	RPD	QC LIMITS REC.
Benzene	20.0	105	169	*	2		40	68 - 124
Chlorobenzene	20.0	20.4	102		0		40	73 - 127
Chloroform	20.0	19.4	97		4		40	63 - 117
Dibromochloromethane	20.0	23.7	119		20		40	64 - 120
1,1-Dichloroethene	20.0	17.7	89		14		40	69 - 122
Ethylbenzene	20.0	44.9	108		5		40	72 - 125
Tetrachloroethene	20.0	20.2	101		1		40	66 - 116
Toluene	20.0	21.3	107		1		40	73 - 122
1,1,1-Trichloroethane	20.0	20.0	100		4		40	69 - 127
Trichloroethene	20.0	21.4	107		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: 2 out of 20 outside limits.
vmw_C38

3 - 8270
SEMIVOLATILE
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Law Environmental, Inc. Contract: 11-3517

Lab Code: LENL-P Case No.: 11517 SDG No.: 75365

Sample No.: ST14-W19/AA75366 Level:(low/med) LOW

ST14-W19MS/AA75367 COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC.	#	QC LIMITS REC.
Acenaphthene	116	0	87.4	75		47 - 136
Benzo(a)anthracene	116	0	103	89		48 - 139
Benzo(a)pyrene	116	0	98.9	85		17 - 156
bis(2-Chloroethoxy)methane	116	0	102	88		33 - 154
Butyl benzyl phthalate	116	2.40	106	89		36 - 152
4-Chloro-3-methylphenol	174	0	149	85		44 - 136
2-Chlorophenol	174	0	151	87		28 - 134
1,4-Dichlorobenzene	116	0	77.6	67		20 - 124
2,4-Dinitrotoluene	116	0	88.9	76		44 - 135
Hexachlorobenzene	116	0	96.8	83		34 - 152
Naphthalene	116	22.2	104	70		42 - 128
4-Nitrophenol	174	0	220	126		D - 132
N-Nitroso-di-n-propylamine	116	0	134	115		30 - 144
Pentachlorophenol	174	0	167	96		14 - 176
Phenol	174	0	134	77		19 - 112
Pyrene	116	0	101	87		52 - 115
1,2,4-Trichlorobenzene	116	0	92.8	80		44 - 124

ST14-W19MSD/AA75365 COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC.	% RPD	#	RPD	QC LIMITS REC.
Acenaphthene	110	83.0	76	0		40	47 - 136
Benzo(a)anthracene	110	98.6	90	1		40	48 - 139
Benzo(a)pyrene	110	92.6	84	1		40	17 - 156
bis(2-Chloroethoxy)methane	110	93.2	85	3		40	33 - 154
Butyl benzyl phthalate	110	104	93	4		40	36 - 152
4-Chloro-3-methylphenol	165	137	83	3		40	44 - 136
2-Chlorophenol	165	139	84	3		40	28 - 134
1,4-Dichlorobenzene	110	73.4	67	0		40	20 - 124
2,4-Dinitrotoluene	110	82.0	75	2		40	44 - 135
Hexachlorobenzene	110	88.4	80	3		40	34 - 152
Naphthalene	110	93.9	85	8		40	42 - 128
4-Nitrophenol	165	205	124	1		40	D - 132
N-Nitroso-di-n-propylamine	110	126	115	0		40	30 - 144
Pentachlorophenol	165	154	93	2		40	14 - 176
Phenol	165	123	75	3		40	19 - 112
Pyrene	110	99.6	91	4		40	52 - 115
1,2,4-Trichlorobenzene	110	84.6	77	4		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.
sms6814

282429

TAB

APPENDIX H

APPENDIX H

SUMMARY OF EXTRACTION AND ANALYSIS DATES

APPENDIX H-1

FIRST QUARTER SUMMARY OF EXTRACTION AND ANALYSIS DATES

TABLE H-1

282432

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
METALS, TOTAL BY ICP/SW 6010						
BSSA	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
BSSB	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
EB-1	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
EB-2	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
EB-3	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
EB-4	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
EB-5	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
EB-6	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
EB-7	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
EB-8	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
EB-99	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
FDUP-1	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
FDUP-3	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
FDUP-4	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
FDUP-5	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
FDUP-6	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
FDUP-7	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
FDUP-8	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
FT08-11A	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
FT08-11B	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
FT09-12A	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
FT09-12B	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
FT09-12BMS	9-Apr-95	25-Apr-95	27-Apr-95	18	180	ok
FT09-12BMSD	9-Apr-95	25-Apr-95	27-Apr-95	18	180	ok
FT09-12C	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
GMI04-01M	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
GMI22-01M	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
GMI22-02M	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
GMI22-03M	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
GMI22-04M	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
GMI22-05M	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
GMI22-06M	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
GMI22-08M	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
GMI22-08MMS	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
GMI22-08MMSD	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
GMI22-O7M	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
IDW-1628	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF01-1C	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF01-1D	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF01-1E	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF04-4A	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
LF04-4B	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
LF04-4D	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
LF04-4E	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
LF04-4F	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
LF05-5C	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
LF05-5D	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
LF05-5G	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LSA1628-1	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-2	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
MW-11	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-12	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-5	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
MW-7	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
MW-8	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-9	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
OT15C	8-Apr-95	28-Apr-95	2-May-95	24	180	ok
OT15CMS	8-Apr-95	28-Apr-95	2-May-95	24	180	ok
OT15CMSD	8-Apr-95	28-Apr-95	2-May-95	24	180	ok
P3A	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
P6A	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
SD13-01	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
SD13-02	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
SD13-03	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
SD13-03	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
SD13-03MS	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
SD13-03MSD	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
SD13-05	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
SD13-05MS	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
SD13-05MSD	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
SD13-06	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
SD13-07	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
ST14-01	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-02	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-03	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
ST14-04	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-05	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
ST14-07	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
ST14-W08	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-W09	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
ST14-W09MS	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
ST14-W09MSD	9-Apr-95	21-Apr-95	27-Apr-95	18	180	ok
ST14-W11	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-W13	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-W15	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-W16	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
ST14-W19	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
ST14-W19MS	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
ST14-W19MSD	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
ST14-W20	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
ST14-W21	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
ST14-W22	8-Apr-95	24-Apr-95	26-Apr-95	18	180	ok
ST14-W23	10-Apr-95	21-Apr-95	27-Apr-95	17	180	ok
T3	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
T4A	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok
T7	11-Apr-95	26-Apr-95	28-Apr-95	17	180	ok
WP07-10B	6-Apr-95	13-Apr-95	20-Apr-95	14	180	ok
WP07-10C	12-Apr-95	25-Apr-95	27-Apr-95	15	180	ok

TABLE H-1

282435

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
ARSENIC, TOTAL BY GFAA/SW7060						
BSSA	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
BSSB	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
EB-1	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
EB-2	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
EB-3	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
EB-4	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
EB-5	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
EB-6	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
EB-7	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
EB-8	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
EB-99	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
FDUP-1	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
FDUP-3	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
FDUP-4	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
FDUP-5	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
FDUP-6	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
FDUP-7	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FDUP-8	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
FT08-11A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT08-11B	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT09-12A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT09-12B	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT09-12BMS	9-Apr-95	25-Apr-95	4-May-95	25	180	ok
FT09-12BMSD	9-Apr-95	25-Apr-95	4-May-95	25	180	ok
FT09-12C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI04-01M	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
GMI22-01M	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI22-02M	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI22-03M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-04M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-05M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-06M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-08M	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
GMI22-08MMS	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
GMI22-08MMSD	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
GMI22-07M	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
IDW-1628	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1C	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF01-1D	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1E	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF04-4A	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
LF04-4B	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
LF04-4D	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
LF04-4E	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
LF04-4F	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
LF05-5C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
LF05-5D	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
LF05-5G	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LSA1628-1	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-2	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
MW-11	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
MW-12	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
MW-5	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
MW-7	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
MW-8	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
MW-9	7-Apr-95	17-Apr-95	25-Apr-95	18	180	ok
OT15C	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
OT15CMS	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
OT15CMSD	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
P3A	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
P6A	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
SD13-01	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
SD13-02	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
SD13-03	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
SD13-03MS	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
SD13-03MSD	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
SD13-05	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
SD13-05MS	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
SD13-05MSD	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
SD13-06	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-07	8-Apr-95	24-Apr-95	4-May-95	26	180	ok
ST14-01	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-02	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-03	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
ST14-04	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-05	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
ST14-07	9-Apr-95	21-Apr-95	1-May-95	22	180	ok

TABLE H-1

282437

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
ST14-W08	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W09	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
ST14-W09MS	9-Apr-95	21-Apr-95	4-May-95	25	180	ok
ST14-W09MSD	9-Apr-95	21-Apr-95	4-May-95	25	180	ok
ST14-W11	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W13	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W15	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W16	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
ST14-W19	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
ST14-W19MS	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
ST14-W19MSD	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
ST14-W20	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
ST14-W21	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W22	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-W23	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
T3	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
T4A	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
T7	11-Apr-95	26-Apr-95	9-May-95	28	180	ok
WP07-10B	6-Apr-95	13-Apr-95	25-Apr-95	19	180	ok
WP07-10C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
LEAD, TOTAL BY GFAA/SW 3005M/7421						
BSSA	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
BSSB	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-1	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
EB-2	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
EB-3	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
EB-4	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
EB-5	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
EB-6	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
EB-7	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
EB-8	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-99	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
FDUP-1	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
FDUP-3	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
FDUP-4	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
FDUP-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
FDUP-6	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
FDUP-7	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FDUP-8	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
FT08-11A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT08-11B	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT09-12A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
FT09-12B	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FT09-12BMS	9-Apr-95	25-Apr-95	3-May-95	24	180	ok
FT09-12BMSD	9-Apr-95	25-Apr-95	3-May-95	24	180	ok
FT09-12C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI04-01M	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
GMI22-01M	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI22-02M	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
GMI22-03M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-04M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-05M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-06M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-08M	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-08MMS	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-08MMSD	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-O7M	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
IDW-1628	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

282439

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1C	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1D	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1E	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF04-4A	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
LF04-4B	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
LF04-4D	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4E	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF04-4F	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
LF05-5C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
LF05-5D	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
LF05-5G	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LSA1628-1	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-2	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
MW-11	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
MW-12	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
MW-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-7	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-8	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
MW-9	7-Apr-95	17-Apr-95	30-Apr-95	23	180	ok
OT15C	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
OT15CMS	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
OT15CMSD	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
P3A	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
P6A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
SD13-01	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-02	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
SD13-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-03MS	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
SD13-03MSD	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
SD13-05	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
SD13-05MS	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
SD13-05MSD	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
SD13-06	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-07	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-01	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-02	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
ST14-04	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-05	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
ST14-07	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok

TABLE H-1

282440

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
ST14-W08	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-W09	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
ST14-W09MS	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
ST14-W09MSD	9-Apr-95	21-Apr-95	30-Apr-95	21	180	ok
ST14-W11	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-W13	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-W15	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-W16	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
ST14-W19	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19MS	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
ST14-W19MSD	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
ST14-W20	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
ST14-W21	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
ST14-W22	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-W23	10-Apr-95	21-Apr-95	30-Apr-95	20	180	ok
T3	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
T4A	12-Apr-95	25-Apr-95	4-May-95	22	180	ok
T7	11-Apr-95	26-Apr-95	8-May-95	27	180	ok
WP07-10B	6-Apr-95	13-Apr-95	30-Apr-95	24	180	ok
WP07-10C	12-Apr-95	25-Apr-95	4-May-95	22	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
MERCURY, TOTAL BY CVAA/SW 7470						
BSSA	13-Apr-95		27-Apr-95	14	28	ok
BSSB	13-Apr-95		27-Apr-95	14	28	ok
EB-1	6-Apr-95		20-Apr-95	14	28	ok
EB-2	7-Apr-95		28-Apr-95	21	28	ok
EB-3	8-Apr-95		28-Apr-95	20	28	ok
EB-4	9-Apr-95		2-May-95	23	28	ok
EB-5	10-Apr-95		2-May-95	22	28	ok
EB-6	11-Apr-95		27-Apr-95	16	28	ok
EB-7	12-Apr-95		27-Apr-95	15	28	ok
EB-8	13-Apr-95		27-Apr-95	14	28	ok
EB-99	1-Jun-95		6-Jun-95	5	28	ok
FDUP-1	7-Apr-95		28-Apr-95	21	28	ok
FDUP-3	11-Apr-95		27-Apr-95	16	28	ok
FDUP-4	10-Apr-95		2-May-95	22	28	ok
FDUP-5	13-Apr-95		27-Apr-95	14	28	ok
FDUP-6	11-Apr-95		27-Apr-95	16	28	ok
FDUP-7	12-Apr-95		27-Apr-95	15	28	ok
FDUP-8	8-Apr-95		28-Apr-95	20	28	ok
FT08-11A	12-Apr-95		27-Apr-95	15	28	ok
FT08-11B	12-Apr-95		27-Apr-95	15	28	ok
FT09-12A	12-Apr-95		27-Apr-95	15	28	ok
FT09-12B	12-Apr-95		27-Apr-95	15	28	ok
FT09-12BMS	9-Apr-95		27-Apr-95	18	28	ok
FT09-12BMSD	9-Apr-95		27-Apr-95	18	28	ok
FT09-12C	12-Apr-95		27-Apr-95	15	28	ok
GMI04-01M	7-Apr-95		28-Apr-95	21	28	ok
GMI22-01M	12-Apr-95		27-Apr-95	15	28	ok
GMI22-02M	12-Apr-95		27-Apr-95	15	28	ok
GMI22-03M	13-Apr-95		27-Apr-95	14	28	ok
GMI22-04M	13-Apr-95		27-Apr-95	14	28	ok
GMI22-05M	13-Apr-95		27-Apr-95	14	28	ok
GMI22-06M	13-Apr-95		27-Apr-95	14	28	ok
GMI22-08M	11-Apr-95		27-Apr-95	16	28	ok
GMI22-08MMS	11-Apr-95		27-Apr-95	16	28	ok
GMI22-08MMSD	11-Apr-95		27-Apr-95	16	28	ok
GMI22-07M	11-Apr-95		27-Apr-95	16	28	ok
IDW-1628	1-Jun-95		6-Jun-95	5	28	ok

TABLE H-1

282442

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95		27-Apr-95	14	28	ok
LF01-1C	13-Apr-95		27-Apr-95	14	28	ok
LF01-1D	13-Apr-95		27-Apr-95	14	28	ok
LF01-1E	13-Apr-95		27-Apr-95	14	28	ok
LF04-4A	7-Apr-95		28-Apr-95	21	28	ok
LF04-4B	7-Apr-95		28-Apr-95	21	28	ok
LF04-4D	6-Apr-95		20-Apr-95	14	28	ok
LF04-4E	6-Apr-95		20-Apr-95	14	28	ok
LF04-4EMS	6-Apr-95		20-Apr-95	14	28	ok
LF04-4EMSD	6-Apr-95		20-Apr-95	14	28	ok
LF04-4F	6-Apr-95		20-Apr-95	14	28	ok
LF05-5C	12-Apr-95		27-Apr-95	15	28	ok
LF05-5D	12-Apr-95		27-Apr-95	15	28	ok
LF05-5G	13-Apr-95		27-Apr-95	14	28	ok
LSA1628-1	1-Jun-95		6-Jun-95	5	28	ok
LSA1628-2	1-Jun-95		6-Jun-95	5	28	ok
LSA1628-3	1-Jun-95		6-Jun-95	5	28	ok
LSA1628-3MS	1-Jun-95		6-Jun-95	5	28	ok
LSA1628-3MSD	1-Jun-95		6-Jun-95	5	28	ok
MW-11	7-Apr-95		28-Apr-95	21	28	ok
MW-12	7-Apr-95		28-Apr-95	21	28	ok
MW-5	13-Apr-95		27-Apr-95	14	28	ok
MW-7	13-Apr-95		27-Apr-95	14	28	ok
MW-8	7-Apr-95		28-Apr-95	21	28	ok
MW-9	7-Apr-95		28-Apr-95	21	28	ok
OT15C	8-Apr-95		28-Apr-95	20	28	ok
OT15CMS	8-Apr-95		28-Apr-95	20	28	ok
OT15CMSD	8-Apr-95		28-Apr-95	20	28	ok
P3A	11-Apr-95		27-Apr-95	16	28	ok
P6A	12-Apr-95		27-Apr-95	15	28	ok
SD13-01	13-Apr-95		27-Apr-95	14	28	ok
SD13-02	8-Apr-95		28-Apr-95	20	28	ok
SD13-03	8-Apr-95		28-Apr-95	20	28	ok
SD13-03	13-Apr-95		27-Apr-95	14	28	ok
SD13-03MS	8-Apr-95		28-Apr-95	20	28	ok
SD13-03MSD	8-Apr-95		28-Apr-95	20	28	ok
SD13-05	10-Apr-95		2-May-95	22	28	ok
SD13-05MS	10-Apr-95		2-May-95	22	28	ok
SD13-05MSD	10-Apr-95		2-May-95	22	28	ok
SD13-06	8-Apr-95		28-Apr-95	20	28	ok
SD13-07	8-Apr-95		28-Apr-95	20	28	ok
ST14-01	10-Apr-95		2-May-95	22	28	ok
ST14-02	10-Apr-95		2-May-95	22	28	ok
ST14-03	13-Apr-95		27-Apr-95	14	28	ok
ST14-04	10-Apr-95		2-May-95	22	28	ok
ST14-05	9-Apr-95		2-May-95	23	28	ok
ST14-07	9-Apr-95		2-May-95	23	28	ok

TABLE H-1

282413

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95		2-May-95	23	28	ok
ST14-W08	10-Apr-95		20-Apr-95	10	28	ok
ST14-W09	9-Apr-95		2-May-95	23	28	ok
ST14-W09MS	9-Apr-95		2-May-95	23	28	ok
ST14-W09MSD	9-Apr-95		2-May-95	23	28	ok
ST14-W11	10-Apr-95		2-May-95	22	28	ok
ST14-W13	10-Apr-95		2-May-95	22	28	ok
ST14-W15	10-Apr-95		2-May-95	22	28	ok
ST14-W16	11-Apr-95		27-Apr-95	16	28	ok
ST14-W19	11-Apr-95		4-May-95	23	28	ok
ST14-W19MS	11-Apr-95		4-May-95	23	28	ok
ST14-W19MSD	11-Apr-95		4-May-95	23	28	ok
ST14-W20	11-Apr-95		27-Apr-95	16	28	ok
ST14-W21	10-Apr-95		2-May-95	22	28	ok
ST14-W22	8-Apr-95		28-Apr-95	20	28	ok
ST14-W23	10-Apr-95		2-May-95	22	28	ok
T3	11-Apr-95		27-Apr-95	16	28	ok
T4A	12-Apr-95		27-Apr-95	15	28	ok
T7	11-Apr-95		27-Apr-95	16	28	ok
WP07-10B	6-Apr-95		20-Apr-95	14	28	ok
WP07-10C	12-Apr-95		27-Apr-95	15	28	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
SELENIUM, TOTAL BY GFAA/SW 7740						
BSSA	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
BSSB	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-1	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
EB-2	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
EB-3	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
EB-4	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
EB-5	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
EB-6	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
EB-7	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
EB-8	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-99	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
FDUP-1	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
FDUP-3	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
FDUP-4	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
FDUP-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
FDUP-6	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
FDUP-7	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
FDUP-8	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
FT08-11A	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
FT08-11B	12-Apr-95	25-Apr-95	8-May-95	26	180	ok
FT09-12A	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
FT09-12B	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
FT09-12BMS	9-Apr-95	25-Apr-95	5-May-95	26	180	ok
FT09-12BMSD	9-Apr-95	25-Apr-95	5-May-95	26	180	ok
FT09-12C	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
GMI04-01M	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
GMI22-01M	12-Apr-95	25-Apr-95	10-May-95	28	180	ok
GMI22-02M	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
GMI22-03M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-04M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-05M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-06M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-08M	11-Apr-95	26-Apr-95	4-May-95	23	180	ok
GMI22-08MMS	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-08MMSD	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-O7M	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
IDW-1628	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok

TABLE H-1

282445

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1C	13-Apr-95	25-Apr-95	26-Apr-95	13	180	ok
LF01-1D	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1E	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF04-4A	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
LF04-4B	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
LF04-4D	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
LF04-4E	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	26-Apr-95	20	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
LF04-4F	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
LF05-5C	12-Apr-95	25-Apr-95	8-May-95	26	180	ok
LF05-5D	12-Apr-95	25-Apr-95	5-May-95	23	180	ok
LF05-5G	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LSA1628-1	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-2	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	8-Jun-95	7	180	ok
MW-11	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-12	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-7	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-8	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
MW-9	7-Apr-95	17-Apr-95	24-Apr-95	17	180	ok
OT15C	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
OT15CMS	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
OT15CMSD	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
P3A	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
P6A	12-Apr-95	25-Apr-95	8-May-95	26	180	ok
SD13-01	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-02	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03	8-Apr-95	24-Apr-95	2-May-95	24	180	ok
SD13-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-03MS	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03MSD	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-05	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-05MS	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-05MSD	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-06	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-07	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-01	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-02	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
ST14-04	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-05	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-07	9-Apr-95	21-Apr-95	2-May-95	23	180	ok

TABLE H-1

282416

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W08	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-W09	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W09MS	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W09MSD	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W11	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-W13	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-W15	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-W16	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19MS	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19MSD	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W20	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W21	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-W22	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-W23	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
T3	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
T4A	12-Apr-95	25-Apr-95	8-May-95	26	180	ok
T7	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
WP07-10B	6-Apr-95	13-Apr-95	24-Apr-95	18	180	ok
WP07-10C	12-Apr-95	25-Apr-95	8-May-95	26	180	ok

TABLE H-1

282417

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
THALLIUM, TOTAL BY GFAA/SW3020/7841						
BSSA	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
BSSB	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-1	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
EB-2	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
EB-3	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
EB-4	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
EB-5	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
EB-6	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
EB-7	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
EB-8	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
EB-99	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
FDUP-1	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
FDUP-3	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
FDUP-4	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
FDUP-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
FDUP-6	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
FDUP-7	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FDUP-8	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
FT08-11A	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FT08-11B	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FT09-12A	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FT09-12B	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
FT09-12BMS	9-Apr-95	25-Apr-95	3-May-95	24	180	ok
FT09-12BMSD	9-Apr-95	25-Apr-95	3-May-95	24	180	ok
FT09-12C	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
GMI04-01M	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
GMI22-01M	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
GMI22-02M	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
GMI22-03M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-04M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-05M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-06M	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
GMI22-08M	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-08MMS	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-08MMSD	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
GMI22-O7M	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
IDW-1628	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1C	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1D	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF01-1E	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LF04-4A	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
LF04-4B	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
LF04-4D	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
LF04-4E	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
LF04-4EMS	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
LF04-4EMSD	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
LF04-4F	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
LF05-5C	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
LF05-5D	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
LF05-5G	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
LSA1628-1	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-2	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-3	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	9-Jun-95	8	180	ok
MW-11	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
MW-12	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
MW-5	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-7	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
MW-8	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
MW-9	7-Apr-95	17-Apr-95	1-May-95	24	180	ok
OT15C	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
OT15CMS	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
OT15CMSD	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
P3A	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
P6A	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
SD13-01	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-02	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
SD13-03MS	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-03MSD	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-05	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-05MS	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-05MSD	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
SD13-06	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
SD13-07	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-01	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-02	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-03	13-Apr-95	25-Apr-95	27-Apr-95	14	180	ok
ST14-04	10-Apr-95	21-Apr-95	2-May-95	22	180	ok
ST14-05	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-07	9-Apr-95	21-Apr-95	1-May-95	22	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
ST14-W06	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W08	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W09	9-Apr-95	21-Apr-95	1-May-95	22	180	ok
ST14-W09MS	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W09MSD	9-Apr-95	21-Apr-95	2-May-95	23	180	ok
ST14-W11	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W13	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W15	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W16	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19MS	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W19MSD	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W20	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
ST14-W21	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
ST14-W22	8-Apr-95	24-Apr-95	3-May-95	25	180	ok
ST14-W23	10-Apr-95	21-Apr-95	1-May-95	21	180	ok
T3	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
T4A	12-Apr-95	25-Apr-95	3-May-95	21	180	ok
T7	11-Apr-95	26-Apr-95	5-May-95	24	180	ok
WP07-108	6-Apr-95	13-Apr-95	1-May-95	25	180	ok
WP07-10C	12-Apr-95	25-Apr-95	3-May-95	21	180	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520						
FDUP-8	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15C	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMS	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMS	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMS	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMSD	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMSD	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMSD	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok

TABLE H-1

282451

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date		
			days	criterion	status
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240					
BSSB	8-Apr-95	18-Apr-95	10	14	ok
FDUP-1	7-Apr-95	14-Apr-95	7	14	ok
FDUP-2	8-Apr-95	18-Apr-95	10	14	ok
FDUP-3	11-Apr-95	18-Apr-95	7	14	ok
FDUP-6	11-Apr-95	18-Apr-95	7	14	ok
FT08-11B	12-Apr-95	18-Apr-95	6	14	ok
GMI04-01M	7-Apr-95	14-Apr-95	7	14	ok
GMI22-04M	13-Apr-95	18-Apr-95	5	14	ok
GMI22-06M	13-Apr-95	18-Apr-95	5	14	ok
IDW-1628	1-Jun-95	7-Jun-95	6	14	ok
LF04-4D	6-Apr-95	14-Apr-95	8	14	ok
LF04-4E	6-Apr-95	14-Apr-95	8	14	ok
LF04-4EMS	6-Apr-95	14-Apr-95	8	14	ok
LF04-4EMSD	6-Apr-95	14-Apr-95	8	14	ok
LF04-4F	6-Apr-95	14-Apr-95	8	14	ok
LF05-5C	12-Apr-95	18-Apr-95	6	14	ok
LF05-5G	13-Apr-95	18-Apr-95	5	14	ok
LSA1628-1	1-Jun-95	7-Jun-95	6	14	ok
LSA1628-2	1-Jun-95	10-Jun-95	9	14	ok
LSA1628-3	1-Jun-95	7-Jun-95	6	14	ok
LSA1628-3MS	1-Jun-95	7-Jun-95	6	14	ok
LSA1628-3MSD	1-Jun-95	7-Jun-95	6	14	ok
MW-5	8-Apr-95	18-Apr-95	10	14	ok
SD13-03	8-Apr-95	18-Apr-95	10	14	ok
SD13-03MS	8-Apr-95	18-Apr-95	10	14	ok
SD13-03MSD	8-Apr-95	18-Apr-95	10	14	ok
SD13-07	8-Apr-95	18-Apr-95	10	14	ok
ST14-W16	11-Apr-95	18-Apr-95	7	14	ok
ST14-W19	11-Apr-95	18-Apr-95	7	14	ok
ST14-W19MS	11-Apr-95	18-Apr-95	7	14	ok
ST14-W19MSD	11-Apr-95	18-Apr-95	7	14	ok
ST14-W20	11-Apr-95	18-Apr-95	7	14	ok
WP07-10B	6-Apr-95	14-Apr-95	8	14	ok
WP07-10C	12-Apr-95	18-Apr-95	6	14	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date days	criterion	status
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260					
BSSA	8-Apr-95	17-Apr-95	9	14	ok
EB-1	6-Apr-95	11-Apr-95	5	14	ok
EB-2	7-Apr-95	11-Apr-95	4	14	ok
EB-3	8-Apr-95	17-Apr-95	9	14	ok
EB-4	9-Apr-95	13-Apr-95	4	14	ok
EB-5	10-Apr-95	13-Apr-95	3	14	ok
EB-6	11-Apr-95	17-Apr-95	6	14	ok
EB-7	12-Apr-95	19-Apr-95	7	14	ok
EB-8	13-Apr-95	19-Apr-95	6	14	ok
EB-99	1-Jun-95	9-Jun-95	8	14	ok
FDUP-4	10-Apr-95	13-Apr-95	3	14	ok
FDUP-5	13-Apr-95	19-Apr-95	6	14	ok
FDUP-7	12-Apr-95	19-Apr-95	7	14	ok
FDUP-8	8-Apr-95	17-Apr-95	9	14	ok
FT08-11A	12-Apr-95	19-Apr-95	7	14	ok
FT09-12A	12-Apr-95	19-Apr-95	7	14	ok
FT09-12B	12-Apr-95	19-Apr-95	7	14	ok
FT09-12BMS	9-Apr-95	19-Apr-95	10	14	ok
FT09-12BMSD	9-Apr-95	19-Apr-95	10	14	ok
FT09-12C	12-Apr-95	19-Apr-95	7	14	ok
GMI22-01M	12-Apr-95	19-Apr-95	7	14	ok
GMI22-02M	12-Apr-95	19-Apr-95	7	14	ok
GMI22-03M	13-Apr-95	19-Apr-95	6	14	ok
GMI22-05M	13-Apr-95	19-Apr-95	6	14	ok
GMI22-08M	11-Apr-95	17-Apr-95	6	14	ok
GMI22-08MMS	11-Apr-95	17-Apr-95	6	14	ok
GMI22-08MMSD	11-Apr-95	17-Apr-95	6	14	ok
GMI22-O7M	11-Apr-95	17-Apr-95	6	14	ok
LF01-1A	13-Apr-95	19-Apr-95	6	14	ok
LF01-1C	13-Apr-95	19-Apr-95	6	14	ok
LF01-1D	13-Apr-95	19-Apr-95	6	14	ok
LF01-1E	13-Apr-95	19-Apr-95	6	14	ok
LF04-4A	7-Apr-95	11-Apr-95	4	14	ok
LF04-4B	7-Apr-95	11-Apr-95	4	14	ok
LF05-5D	12-Apr-95	19-Apr-95	7	14	ok
MW-11	7-Apr-95	11-Apr-95	4	14	ok
MW-12	7-Apr-95	11-Apr-95	4	14	ok
MW-7	8-Apr-95	17-Apr-95	9	14	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date		
			days	criterion	status
MW-8	7-Apr-95	11-Apr-95	4	14	ok
MW-9	7-Apr-95	11-Apr-95	4	14	ok
OT15C	8-Apr-95	17-Apr-95	9	14	ok
OT15CMS	8-Apr-95	17-Apr-95	9	14	ok
OT15CMSD	8-Apr-95	17-Apr-95	9	14	ok
P3A	11-Apr-95	17-Apr-95	6	14	ok
P6A	12-Apr-95	19-Apr-95	7	14	ok
SD13-01	8-Apr-95	17-Apr-95	9	14	ok
SD13-02	8-Apr-95	17-Apr-95	9	14	ok
SD13-05	10-Apr-95	13-Apr-95	3	14	ok
SD13-05MS	10-Apr-95	13-Apr-95	3	14	ok
SD13-05MSD	10-Apr-95	13-Apr-95	3	14	ok
SD13-06	8-Apr-95	17-Apr-95	9	14	ok
ST14-01	10-Apr-95	13-Apr-95	3	14	ok
ST14-02	10-Apr-95	13-Apr-95	3	14	ok
ST14-04	10-Apr-95	13-Apr-95	3	14	ok
ST14-05	9-Apr-95	13-Apr-95	4	14	ok
ST14-07	9-Apr-95	13-Apr-95	4	14	ok
ST14-W06	9-Apr-95	13-Apr-95	4	14	ok
ST14-W08	10-Apr-95	13-Apr-95	3	14	ok
ST14-W09	9-Apr-95	13-Apr-95	4	14	ok
ST14-W09MS	9-Apr-95	13-Apr-95	4	14	ok
ST14-W09MSD	9-Apr-95	13-Apr-95	4	14	ok
ST14-W11	10-Apr-95	13-Apr-95	3	14	ok
ST14-W13	10-Apr-95	13-Apr-95	3	14	ok
ST14-W15	10-Apr-95	13-Apr-95	3	14	ok
ST14-W21	10-Apr-95	13-Apr-95	3	14	ok
ST14-W22	8-Apr-95	17-Apr-95	9	14	ok
ST14-W23	10-Apr-95	13-Apr-95	3	14	ok
T3	11-Apr-95	17-Apr-95	6	14	ok
T4A	12-Apr-95	19-Apr-95	7	14	ok
T7	11-Apr-95	17-Apr-95	6	14	ok
TB-1	6-Apr-95	11-Apr-95	5	14	ok
TB-100	1-Jun-95	9-Jun-95	8	14	ok
TB-2	7-Apr-95	11-Apr-95	4	14	ok
TB-3	8-Apr-95	17-Apr-95	9	14	ok
TB-5	9-Apr-95	13-Apr-95	4	14	ok
TB-7	12-Apr-95	19-Apr-95	7	14	ok
TB-8	13-Apr-95	19-Apr-95	6	14	ok
TB-99	1-Jun-95	9-Jun-95	8	14	ok

TABLE H-1

282454

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date days	criterion	status
SEMI-VOLATILE ORGANIC COUPOUNDS BY GC/MS - SW8270/SW3520						
BSSA	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
BSSB	13-Apr-95	18-Apr-95	28-Apr-95	15	40	ok
EB-1	6-Apr-95	11-Apr-95	14-Apr-95	8	40	ok
EB-2	7-Apr-95	11-Apr-95	17-Apr-95	10	40	ok
EB-3	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
EB-4	9-Apr-95	13-Apr-95	18-Apr-95	9	40	ok
EB-5	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok
EB-6	11-Apr-95	14-Apr-95	24-Apr-95	13	40	ok
EB-7	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
EB-8	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
EB-99	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
FDUP-1	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
FDUP-3	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
FDUP-4	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok
FDUP-5	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
FDUP-6	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
FDUP-7	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
FDUP-8	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
FT08-11A	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
FT08-11B	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
FT08-11B	12-Apr-95	14-Apr-95	24-Apr-95	12	40	ok
FT09-12A	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
FT09-12B	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
FT09-12BMS	9-Apr-95	14-Apr-95	22-Apr-95	13	40	ok
FT09-12BMSD	13-Apr-95	14-Apr-95	23-Apr-95	10	40	ok
FT09-12C	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
GMI04-01M	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
GMI22-01M	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
GMI22-02M	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
GMI22-03M	13-Apr-95	18-Apr-95	26-Apr-95	13	40	ok
GMI22-04M	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
GMI22-05M	13-Apr-95	18-Apr-95	26-Apr-95	13	40	ok
GMI22-06M	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
GMI22-08M	11-Apr-95	14-Apr-95	25-Apr-95	14	40	ok
GMI22-08MMS	11-Apr-95	14-Apr-95	25-Apr-95	14	40	ok
GMI22-08MMSD	11-Apr-95	14-Apr-95	25-Apr-95	14	40	ok
GMI22-07M	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
IDW-1628	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok

TABLE H-1

282455

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
LF01-1A	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
LF01-1C	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
LF01-1D	13-Apr-95	18-Apr-95	26-Apr-95	13	40	ok
LF01-1E	13-Apr-95	18-Apr-95	25-Apr-95	12	40	ok
LF04-4A	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
LF04-4B	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
LF04-4D	6-Apr-95	11-Apr-95	14-Apr-95	8	40	ok
LF04-4D	6-Apr-95	11-Apr-95	17-Apr-95	11	40	ok
LF04-4E	6-Apr-95	11-Apr-95	17-Apr-95	11	40	ok
LF04-4EMS	6-Apr-95	11-Apr-95	17-Apr-95	11	40	ok
LF04-4EMSD	6-Apr-95	11-Apr-95	17-Apr-95	11	40	ok
LF04-4F	6-Apr-95	11-Apr-95	15-Apr-95	9	40	ok
LF05-5C	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
LF05-5C	12-Apr-95	14-Apr-95	24-Apr-95	12	40	ok
LF05-5D	12-Apr-95	14-Apr-95	23-Apr-95	11	40	ok
LF05-5G	13-Apr-95	18-Apr-95	26-Apr-95	13	40	ok
LSA1628-1	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
LSA1628-2	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
LSA1628-3	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
LSA1628-3MS	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
LSA1628-3MSD	1-Jun-95	5-Jun-95	7-Jun-95	6	40	ok
MW-11	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
MW-12	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
MW-5	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
MW-7	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
MW-8	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
MW-8	7-Apr-95	11-Apr-95	17-Apr-95	10	40	ok
MW-9	7-Apr-95	11-Apr-95	15-Apr-95	8	40	ok
OT15C	8-Apr-95	13-Apr-95	17-Apr-95	9	40	ok
OT15CMS	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
OT15CMSD	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
P3A	11-Apr-95	14-Apr-95	26-Apr-95	15	40	ok
P6A	12-Apr-95	14-Apr-95	24-Apr-95	12	40	ok
SD13-01	13-Apr-95	18-Apr-95	28-Apr-95	15	40	ok
SD13-02	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
SD13-03	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
SD13-03	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
SD13-03MS	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
SD13-03MSD	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
SD13-05	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok
SD13-05MS	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok

TABLE H-1

SUMMARY OF EXTRACTION AND ANALYSIS DATES
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
SD13-05MSD	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok
SD13-06	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
SD13-07	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
ST14-01	10-Apr-95	13-Apr-95	25-Apr-95	15	40	ok
ST14-02	10-Apr-95	13-Apr-95	25-Apr-95	15	40	ok
ST14-03	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
ST14-03	13-Apr-95	18-Apr-95	27-Apr-95	14	40	ok
ST14-04	10-Apr-95	13-Apr-95	19-Apr-95	9	40	ok
ST14-05	9-Apr-95	13-Apr-95	19-Apr-95	10	40	ok
ST14-07	9-Apr-95	13-Apr-95	19-Apr-95	10	40	ok
ST14-W06	9-Apr-95	13-Apr-95	19-Apr-95	10	40	ok
ST14-W08	10-Apr-95	13-Apr-95	19-Apr-95	9	40	ok
ST14-W09	9-Apr-95	13-Apr-95	19-Apr-95	10	40	ok
ST14-W09MS	9-Apr-95	13-Apr-95	19-Apr-95	10	40	ok
ST14-W09MSD	9-Apr-95	13-Apr-95	20-Apr-95	11	40	ok
ST14-W11	10-Apr-95	13-Apr-95	25-Apr-95	15	40	ok
ST14-W13	10-Apr-95	13-Apr-95	19-Apr-95	9	40	ok
ST14-W15	10-Apr-95	13-Apr-95	19-Apr-95	9	40	ok
ST14-W16	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
ST14-W19	11-Apr-95	14-Apr-95	25-Apr-95	14	40	ok
ST14-W19MS	11-Apr-95	14-Apr-95	25-Apr-95	14	40	ok
ST14-W19MSD	11-Apr-95	14-Apr-95	26-Apr-95	15	40	ok
ST14-W20	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
ST14-W21	10-Apr-95	13-Apr-95	27-Apr-95	17	40	ok
ST14-W22	8-Apr-95	13-Apr-95	18-Apr-95	10	40	ok
ST14-W23	10-Apr-95	13-Apr-95	18-Apr-95	8	40	ok
T3	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
T4A	12-Apr-95	14-Apr-95	24-Apr-95	12	40	ok
T7	11-Apr-95	14-Apr-95	27-Apr-95	16	40	ok
WP07-10B	6-Apr-95	11-Apr-95	15-Apr-95	9	40	ok
WP07-10C	12-Apr-95	14-Apr-95	24-Apr-95	12	40	ok

PREPARED/DATE: JLP 10/02/95
CHECKED/DATE: SDM 10/02/95

APPENDIX H-2

SECOND QUARTER SUMMARY OF EXTRACTION AND ANALYSIS DATES

TABLE H-2

283458

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
METALS, TOTAL BY ICP/SW 6010						
BSSA	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
BSSB	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
FDUP-1	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
FDUP-2	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
FDUP-3	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
FDUP-4	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
FDUP-5	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
FDUP-6	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
FDUP-7	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
FDUP-8	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
FT08-11A	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
FT08-11B	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
FT09-12A	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
FT09-12B	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
FT09-12BMS	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
FT09-12BMSD	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
FT09-12C	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
GM122-05M	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
GMI04-01M	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
GMI22-01M	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
GMI22-02M	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
GMI22-03M	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
GMI22-04M	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
GMI22-06M	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
GMI22-07M	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
GMI22-08M	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
LF01-1A	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
LF01-1C	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
LF01-1D	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
LF01-1E	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
LF04-4A	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
LF04-4B	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
LF04-4D	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
LF04-4E	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
LF04-4EMS	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
LF04-4EMSD	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
LF04-4F	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
LF05-5C	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
LF05-5D	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
LF05-5G	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
LSA1628-1	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
LSA1628-2	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
LSA1628-3	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
MW-10	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-10MS	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-10MSD	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-11	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-12	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
MW-5	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
MW-7	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-8	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
MW-9	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
OT15C	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
OT15CMS	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
OT15CMSD	16-Jul-95	20-Jul-95	1-Aug-95	16	180	ok
P3A	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
P6A	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
SD13-01	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
SD13-02	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
SD13-03	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
SD13-03MS	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
SD13-03MSD	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
SD13-05	16-Jul-95	25-Jul-95	2-Aug-95	17	180	ok
SD13-06	15-Jul-95	25-Jul-95	2-Aug-95	18	180	ok
SD13-07	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
ST14-01	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-02	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-03	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
ST14-04	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
ST14-W05	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W06	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W07	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W08	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
ST14-W09	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
ST14-W09MS	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
ST14-W09MSD	13-Jul-95	18-Jul-95	26-Jul-95	13	180	ok
ST14-W11	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W13	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W15	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
ST14-W16	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
ST14-W19	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W19MS	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W20	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
ST14-W21	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
ST14-W22	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
ST14-W23	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
T3	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
T4A	14-Jul-95	24-Jul-95	28-Jul-95	14	180	ok
T7	15-Jul-95	20-Jul-95	1-Aug-95	17	180	ok
WP07-10B	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok
WP07-10C	12-Jul-95	17-Jul-95	25-Jul-95	13	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
ARSENIC, TOTAL BY GFAA/SW7060						
BSSA	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
BSSB	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
FDUP-1	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
FDUP-2	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
FDUP-3	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
FDUP-4	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
FDUP-5	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
FDUP-6	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
FDUP-7	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
FDUP-8	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
FT08-11A	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
FT08-11B	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
FT09-12A	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
FT09-12B	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
FT09-12BMS	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
FT09-12BMSD	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
FT09-12C	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
GM122-05M	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
GMI04-01M	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
GMI22-01M	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
GMI22-02M	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
GMI22-03M	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
GMI22-04M	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-06M	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
GMI22-07M	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-08M	15-Jul-95	20-Jul-95	28-Jul-95	13	180	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	28-Jul-95	13	180	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	28-Jul-95	13	180	ok
LF01-1A	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
LF01-1C	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
LF01-1D	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
LF01-1E	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
LF04-4A	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
LF04-4B	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
LF04-4D	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4E	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4EMS	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4EMSD	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4F	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF05-5C	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
LF05-5D	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
LF05-5G	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
LSA1628-1	16-Jul-95	19-Jul-95	27-Jul-95	11	180	ok
LSA1628-2	16-Jul-95	19-Jul-95	27-Jul-95	11	180	ok
LSA1628-3	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
MW-10	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-10MS	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-10MSD	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-11	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-12	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
MW-5	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
MW-7	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-8	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-9	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
OT15C	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
OT15CMS	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
OT15CMSD	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
P3A	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
P6A	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
SD13-01	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
SD13-02	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
SD13-03	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
SD13-03MS	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
SD13-03MSD	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
SD13-05	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
SD13-06	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
SD13-07	16-Jul-95	19-Jul-95	27-Jul-95	11	180	ok
ST14-01	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-02	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-03	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
ST14-04	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
ST14-W05	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W06	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W07	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W08	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
ST14-W09	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
ST14-W09MS	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
ST14-W09MSD	13-Jul-95	18-Jul-95	19-Jul-95	6	180	ok
ST14-W11	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W13	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W15	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
ST14-W16	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
ST14-W19	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W19MS	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	27-Jul-95	14	180	ok
ST14-W20	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
ST14-W21	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
ST14-W22	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
ST14-W23	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
T3	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
T4A	14-Jul-95	24-Jul-95	27-Jul-95	13	180	ok
T7	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
WP07-10B	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok
WP07-10C	12-Jul-95	17-Jul-95	19-Jul-95	7	180	ok

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282462

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
LEAD, TOTAL BY GFAA/SW 3005M/7421						
BSSA	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
BSSB	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
FDUP-1	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
FDUP-2	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
FDUP-3	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FDUP-4	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
FDUP-5	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
FDUP-6	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FDUP-7	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
FDUP-8	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
FT08-11A	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
FT08-11B	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
FT09-12A	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
FT09-12B	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12BMS	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12BMSD	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12C	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
GM122-05M	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
GMI04-01M	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
GMI22-01M	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
GMI22-02M	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
GMI22-03M	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
GMI22-04M	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-06M	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
GMI22-07M	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-08M	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
LF01-1A	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
LF01-1C	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
LF01-1D	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
LF01-1E	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
LF04-4A	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
LF04-4B	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
LF04-4D	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4E	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4EMS	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4EMSD	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4F	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF05-5C	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
LF05-5D	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
LF05-5G	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
LSA1628-1	16-Jul-95	19-Jul-95	24-Jul-95	8	180	ok
LSA1628-2	16-Jul-95	19-Jul-95	24-Jul-95	8	180	ok
LSA1628-3	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
MW-10	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-10MS	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-10MSD	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-11	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-12	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
MW-5	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
MW-7	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-8	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-9	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
OT15C	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
OT15CMS	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
OT15CMSD	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
P3A	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
P6A	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
SD13-01	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
SD13-02	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
SD13-03	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
SD13-03MS	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
SD13-03MSD	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
SD13-05	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
SD13-06	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
SD13-07	16-Jul-95	19-Jul-95	24-Jul-95	8	180	ok
ST14-01	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-02	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-03	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
ST14-04	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W05	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W06	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W07	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W08	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
ST14-W09	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
ST14-W09MS	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
ST14-W09MSD	13-Jul-95	18-Jul-95	20-Jul-95	7	180	ok
ST14-W11	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W13	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W15	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W16	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W19	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W19MS	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W20	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W21	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W22	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
ST14-W23	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
T3	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
T4A	14-Jul-95	24-Jul-95	25-Jul-95	11	180	ok
T7	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
WP07-10B	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
WP07-10C	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
MERCURY, TOTAL BY CVAA/SW 7470						
BSSA	14-Jul-95		20-Jul-95	6	28	ok
BSSB	14-Jul-95		20-Jul-95	6	28	ok
FDUP-1	16-Jul-95		21-Jul-95	5	28	ok
FDUP-2	14-Jul-95		20-Jul-95	6	28	ok
FDUP-3	12-Jul-95		18-Jul-95	6	28	ok
FDUP-4	16-Jul-95		25-Jul-95	9	28	ok
FDUP-5	14-Jul-95		20-Jul-95	6	28	ok
FDUP-6	12-Jul-95		18-Jul-95	6	28	ok
FDUP-7	13-Jul-95		19-Jul-95	6	28	ok
FDUP-8	16-Jul-95		21-Jul-95	5	28	ok
FT08-11A	14-Jul-95		20-Jul-95	6	28	ok
FT08-11B	14-Jul-95		20-Jul-95	6	28	ok
FT09-12A	13-Jul-95		19-Jul-95	6	28	ok
FT09-12B	12-Jul-95		18-Jul-95	6	28	ok
FT09-12BMS	12-Jul-95		18-Jul-95	6	28	ok
FT09-12BMSD	12-Jul-95		18-Jul-95	6	28	ok
FT09-12C	12-Jul-95		18-Jul-95	6	28	ok
GM122-05M	14-Jul-95		20-Jul-95	6	28	ok
GMI04-01M	16-Jul-95		21-Jul-95	5	28	ok
GMI22-01M	16-Jul-95		25-Jul-95	9	28	ok
GMI22-02M	16-Jul-95		25-Jul-95	9	28	ok
GMI22-03M	16-Jul-95		21-Jul-95	5	28	ok
GMI22-04M	15-Jul-95		21-Jul-95	6	28	ok
GMI22-06M	15-Jul-95		25-Jul-95	10	28	ok
GMI22-07M	15-Jul-95		21-Jul-95	6	28	ok
GMI22-08M	15-Jul-95		21-Jul-95	6	28	ok
GMI22-08MMS	15-Jul-95		21-Jul-95	6	28	ok
GMI22-08MMSD	15-Jul-95		21-Jul-95	6	28	ok
LF01-1A	13-Jul-95		19-Jul-95	6	28	ok
LF01-1C	14-Jul-95		20-Jul-95	6	28	ok
LF01-1D	14-Jul-95		20-Jul-95	6	28	ok
LF01-1E	14-Jul-95		20-Jul-95	6	28	ok
LF04-4A	16-Jul-95		25-Jul-95	9	28	ok
LF04-4B	16-Jul-95		25-Jul-95	9	28	ok
LF04-4D	16-Jul-95		21-Jul-95	5	28	ok
LF04-4E	16-Jul-95		21-Jul-95	5	28	ok
LF04-4EMS	16-Jul-95		21-Jul-95	5	28	ok
LF04-4EMSD	16-Jul-95		21-Jul-95	5	28	ok
LF04-4F	16-Jul-95		21-Jul-95	5	28	ok
LF05-5C	13-Jul-95		19-Jul-95	6	28	ok
LF05-5D	13-Jul-95		19-Jul-95	6	28	ok
LF05-5G	12-Jul-95		18-Jul-95	6	28	ok
LSA1628-1	16-Jul-95		20-Jul-95	4	28	ok
LSA1628-2	16-Jul-95		20-Jul-95	4	28	ok
LSA1628-3	16-Jul-95		25-Jul-95	9	28	ok
MW-10	15-Jul-95		25-Jul-95	10	28	ok
MW-10MS	15-Jul-95		25-Jul-95	10	28	ok
MW-10MSD	15-Jul-95		25-Jul-95	10	28	ok
MW-11	15-Jul-95		25-Jul-95	10	28	ok
MW-12	15-Jul-95		21-Jul-95	6	28	ok
MW-5	15-Jul-95		25-Jul-95	10	28	ok

TABLE H-2

282465

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
MW-7	15-Jul-95		25-Jul-95	10	28	ok
MW-8	15-Jul-95		25-Jul-95	10	28	ok
MW-9	15-Jul-95		25-Jul-95	10	28	ok
OT15C	16-Jul-95		21-Jul-95	5	28	ok
OT15CMS	16-Jul-95		21-Jul-95	5	28	ok
OT15CMSD	16-Jul-95		21-Jul-95	5	28	ok
P3A	15-Jul-95		21-Jul-95	6	28	ok
P6A	13-Jul-95		19-Jul-95	6	28	ok
SD13-01	14-Jul-95		20-Jul-95	6	28	ok
SD13-02	14-Jul-95		20-Jul-95	6	28	ok
SD13-03	14-Jul-95		20-Jul-95	6	28	ok
SD13-03MS	14-Jul-95		20-Jul-95	6	28	ok
SD13-03MSD	14-Jul-95		20-Jul-95	6	28	ok
SD13-05	16-Jul-95		25-Jul-95	9	28	ok
SD13-06	15-Jul-95		25-Jul-95	10	28	ok
SD13-07	16-Jul-95		20-Jul-95	4	28	ok
ST14-01	13-Jul-95		19-Jul-95	6	28	ok
ST14-02	13-Jul-95		19-Jul-95	6	28	ok
ST14-03	13-Jul-95		19-Jul-95	6	28	ok
ST14-04	12-Jul-95		18-Jul-95	6	28	ok
ST14-W05	13-Jul-95		19-Jul-95	6	28	ok
ST14-W06	13-Jul-95		19-Jul-95	6	28	ok
ST14-W07	13-Jul-95		19-Jul-95	6	28	ok
ST14-W08	14-Jul-95		20-Jul-95	6	28	ok
ST14-W09	13-Jul-95		19-Jul-95	6	28	ok
ST14-W09MS	13-Jul-95		19-Jul-95	6	28	ok
ST14-W09MSD	13-Jul-95		19-Jul-95	6	28	ok
ST14-W11	13-Jul-95		19-Jul-95	6	28	ok
ST14-W13	13-Jul-95		19-Jul-95	6	28	ok
ST14-W15	12-Jul-95		18-Jul-95	6	28	ok
ST14-W16	12-Jul-95		18-Jul-95	6	28	ok
ST14-W19	13-Jul-95		19-Jul-95	6	28	ok
ST14-W19MS	13-Jul-95		19-Jul-95	6	28	ok
ST14-W19MSD	13-Jul-95		19-Jul-95	6	28	ok
ST14-W20	12-Jul-95		18-Jul-95	6	28	ok
ST14-W21	12-Jul-95		18-Jul-95	6	28	ok
ST14-W22	14-Jul-95		20-Jul-95	6	28	ok
ST14-W23	12-Jul-95		18-Jul-95	6	28	ok
T3	14-Jul-95		20-Jul-95	6	28	ok
T4A	14-Jul-95		20-Jul-95	6	28	ok
T7	15-Jul-95		21-Jul-95	6	28	ok
WP07-10B	12-Jul-95		18-Jul-95	6	28	ok
WP07-10C	12-Jul-95		18-Jul-95	6	28	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
SELENIUM, TOTAL BY GFAA/SW 7740						
BSSA	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
BSSB	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
FDUP-1	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
FDUP-2	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
FDUP-3	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
FDUP-4	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
FDUP-5	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
FDUP-6	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
FDUP-7	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
FDUP-8	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
FT08-11A	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
FT08-11B	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
FT09-12A	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
FT09-12B	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
FT09-12BMS	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
FT09-12BMSD	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
FT09-12C	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
GM122-05M	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
GMI04-01M	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
GMI22-01M	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
GMI22-02M	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
GMI22-03M	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
GMI22-04M	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-06M	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
GMI22-07M	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-08M	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
LF01-1A	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
LF01-1C	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
LF01-1D	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
LF01-1E	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
LF04-4A	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
LF04-4B	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
LF04-4D	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4E	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4EMS	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4EMSD	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF04-4F	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
LF05-5C	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
LF05-5D	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
LF05-5G	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
LSA1628-1	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
LSA1628-2	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
LSA1628-3	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
MW-10	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-10MS	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-10MSD	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-11	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-12	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
MW-5	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
MW-7	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-8	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
MW-9	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
OT15C	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
OT15CMS	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
OT15CMSD	16-Jul-95	20-Jul-95	27-Jul-95	11	180	ok
P3A	15-Jul-95	20-Jul-95	27-Jul-95	12	180	ok
P6A	13-Jul-95	17-Jul-95	20-Jul-95	7	180	ok
SD13-01	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
SD13-02	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
SD13-03	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
SD13-03MS	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
SD13-03MSD	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
SD13-05	16-Jul-95	25-Jul-95	1-Aug-95	16	180	ok
SD13-06	15-Jul-95	25-Jul-95	1-Aug-95	17	180	ok
SD13-07	16-Jul-95	19-Jul-95	26-Jul-95	10	180	ok
ST14-01	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-02	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-03	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
ST14-04	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
ST14-W05	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W06	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W07	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W08	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
ST14-W09	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
ST14-W09MS	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
ST14-W09MSD	13-Jul-95	17-Jul-95	19-Jul-95	6	180	ok
ST14-W11	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W13	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W15	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
ST14-W16	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
ST14-W19	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W19MS	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	26-Jul-95	13	180	ok
ST14-W20	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
ST14-W21	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
ST14-W22	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
ST14-W23	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
T3	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
T4A	14-Jul-95	24-Jul-95	31-Jul-95	17	180	ok
T7	15-Jul-95	20-Jul-95	28-Jul-95	13	180	ok
WP07-10B	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok
WP07-10C	12-Jul-95	17-Jul-95	18-Jul-95	6	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date days	criterion	status
THALLIUM, TOTAL BY GFAA/SW3020/7841						
BSSA	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
BSSB	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
FDUP-1	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
FDUP-2	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
FDUP-3	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
FDUP-4	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
FDUP-5	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
FDUP-6	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
FDUP-7	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
FDUP-8	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
FT08-11A	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
FT08-11B	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
FT09-12A	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
FT09-12B	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12BMS	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12BMSD	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
FT09-12C	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
GM122-05M	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
GMI04-01M	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
GMI22-01M	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
GMI22-02M	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
GMI22-03M	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
GMI22-04M	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-06M	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
GMI22-07M	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
GMI22-08M	15-Jul-95	20-Jul-95	25-Jul-95	10	180	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	25-Jul-95	10	180	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	25-Jul-95	10	180	ok
LF01-1A	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
LF01-1C	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
LF01-1D	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
LF01-1E	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
LF04-4A	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
LF04-4B	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
LF04-4D	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4E	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF04-4EMS	16-Jul-95	20-Jul-95	25-Jul-95	9	180	ok
LF04-4EMSD	16-Jul-95	20-Jul-95	25-Jul-95	9	180	ok
LF04-4F	16-Jul-95	20-Jul-95	26-Jul-95	10	180	ok
LF05-5C	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
LF05-5D	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
LF05-5G	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
LSA1628-1	16-Jul-95	19-Jul-95	25-Jul-95	9	180	ok
LSA1628-2	16-Jul-95	19-Jul-95	25-Jul-95	9	180	ok
LSA1628-3	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
MW-10	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-10MS	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-10MSD	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-11	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-12	15-Jul-95	20-Jul-95	25-Jul-95	10	180	ok
MW-5	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok

TABLE H-2

282469

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Preparation Date	Analysis Date	Sampling Date To Analysis Date		
				days	criterion	status
MW-7	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-8	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
MW-9	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
OT15C	16-Jul-95	20-Jul-95	25-Jul-95	9	180	ok
OT15CMS	16-Jul-95	20-Jul-95	25-Jul-95	9	180	ok
OT15CMSD	16-Jul-95	20-Jul-95	25-Jul-95	9	180	ok
P3A	15-Jul-95	20-Jul-95	26-Jul-95	11	180	ok
P6A	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
SD13-01	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
SD13-02	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
SD13-03	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
SD13-03MS	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
SD13-03MSD	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
SD13-05	16-Jul-95	25-Jul-95	28-Jul-95	12	180	ok
SD13-06	15-Jul-95	25-Jul-95	28-Jul-95	13	180	ok
SD13-07	16-Jul-95	19-Jul-95	25-Jul-95	9	180	ok
ST14-01	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-02	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-03	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
ST14-04	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
ST14-W05	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W06	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W07	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W08	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
ST14-W09	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
ST14-W09MS	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
ST14-W09MSD	13-Jul-95	17-Jul-95	24-Jul-95	11	180	ok
ST14-W11	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W13	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W15	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W16	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
ST14-W19	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W19MS	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	24-Jul-95	11	180	ok
ST14-W20	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
ST14-W21	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
ST14-W22	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
ST14-W23	12-Jul-95	17-Jul-95	20-Jul-95	8	180	ok
T3	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
T4A	14-Jul-95	24-Jul-95	26-Jul-95	12	180	ok
T7	15-Jul-95	20-Jul-95	25-Jul-95	10	180	ok
WP07-10B	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok
WP07-10C	12-Jul-95	17-Jul-95	21-Jul-95	9	180	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520						
FDUP-8	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15C	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMS	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMS	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMS	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMSD	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMSD	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok
OT15CMSD	16-Jul-95	20-Jul-95	25-Jul-95	9	40	ok

TABLE H-2

282471

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date days	criterion	status
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240					
BSSB	14-Jul-95	24-Jul-95	10	14	ok
FDUP-1	16-Jul-95	25-Jul-95	9	14	ok
FDUP-2	14-Jul-95	24-Jul-95	10	14	ok
GMI04-01M	16-Jul-95	25-Jul-95	9	14	ok
GMI22-04M	15-Jul-95	25-Jul-95	10	14	ok
GMI22-06M	15-Jul-95	25-Jul-95	10	14	ok
LF04-4D	16-Jul-95	25-Jul-95	9	14	ok
LF04-4E	16-Jul-95	24-Jul-95	8	14	ok
LF04-4EMS	16-Jul-95	24-Jul-95	8	14	ok
LF04-4EMSD	16-Jul-95	24-Jul-95	8	14	ok
LF04-4F	16-Jul-95	25-Jul-95	9	14	ok
LF05-5C	13-Jul-95	24-Jul-95	11	14	ok
LF05-5G	12-Jul-95	24-Jul-95	12	14	ok
LSA1628-1	16-Jul-95	24-Jul-95	8	14	ok
LSA1628-2	16-Jul-95	24-Jul-95	8	14	ok
LSA1628-3	16-Jul-95	25-Jul-95	9	14	ok
MW-10	15-Jul-95	25-Jul-95	10	14	ok
MW-10MS	15-Jul-95	25-Jul-95	10	14	ok
MW-10MSD	15-Jul-95	25-Jul-95	10	14	ok
MW-5	15-Jul-95	25-Jul-95	10	14	ok
SD13-03	14-Jul-95	24-Jul-95	10	14	ok
SD13-03MS	14-Jul-95	24-Jul-95	10	14	ok
SD13-03MSD	14-Jul-95	24-Jul-95	10	14	ok
SD13-07	16-Jul-95	24-Jul-95	8	14	ok
WP07-10B	12-Jul-95	24-Jul-95	12	14	ok
WP07-10C	12-Jul-95	24-Jul-95	12	14	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date days	criterion	status
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260					
BSSA	14-Jul-95	20-Jul-95	6	14	ok
FDUP-3	12-Jul-95	18-Jul-95	6	14	ok
FDUP-4	16-Jul-95	21-Jul-95	5	14	ok
FDUP-5	14-Jul-95	20-Jul-95	6	14	ok
FDUP-6	12-Jul-95	18-Jul-95	6	14	ok
FDUP-7	13-Jul-95	19-Jul-95	6	14	ok
FDUP-8	16-Jul-95	20-Jul-95	4	14	ok
FT08-11A	14-Jul-95	20-Jul-95	6	14	ok
FT08-11B	14-Jul-95	20-Jul-95	6	14	ok
FT09-12A	13-Jul-95	19-Jul-95	6	14	ok
FT09-12B	12-Jul-95	18-Jul-95	6	14	ok
FT09-12BMS	12-Jul-95	18-Jul-95	6	14	ok
FT09-12BMSD	12-Jul-95	18-Jul-95	6	14	ok
FT09-12C	12-Jul-95	18-Jul-95	6	14	ok
GM122-05M	14-Jul-95	20-Jul-95	6	14	ok
GMI22-01M	16-Jul-95	21-Jul-95	5	14	ok
GMI22-02M	16-Jul-95	21-Jul-95	5	14	ok
GMI22-03M	16-Jul-95	21-Jul-95	5	14	ok
GMI22-07M	15-Jul-95	21-Jul-95	6	14	ok
GMI22-08M	15-Jul-95	21-Jul-95	6	14	ok
GMI22-08MMS	15-Jul-95	20-Jul-95	5	14	ok
GMI22-08MMSD	15-Jul-95	20-Jul-95	5	14	ok
LF01-1A	13-Jul-95	19-Jul-95	6	14	ok
LF01-1C	14-Jul-95	20-Jul-95	6	14	ok
LF01-1D	14-Jul-95	20-Jul-95	6	14	ok
LF01-1E	14-Jul-95	20-Jul-95	6	14	ok
LF04-4A	16-Jul-95	21-Jul-95	5	14	ok
LF04-4B	16-Jul-95	21-Jul-95	5	14	ok
LF05-5D	13-Jul-95	19-Jul-95	6	14	ok
MW-11	15-Jul-95	21-Jul-95	6	14	ok
MW-12	15-Jul-95	21-Jul-95	6	14	ok
MW-7	15-Jul-95	21-Jul-95	6	14	ok
MW-8	15-Jul-95	21-Jul-95	6	14	ok
MW-9	15-Jul-95	21-Jul-95	6	14	ok
OT15C	16-Jul-95	21-Jul-95	5	14	ok
OT15CMS	16-Jul-95	20-Jul-95	4	14	ok
OT15CMSD	16-Jul-95	20-Jul-95	4	14	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Analysis Date	Sampling Date to Analysis Date days	criterion	status
P3A	15-Jul-95	21-Jul-95	6	14	ok
P6A	13-Jul-95	19-Jul-95	6	14	ok
SD13-01	14-Jul-95	20-Jul-95	6	14	ok
SD13-02	14-Jul-95	20-Jul-95	6	14	ok
SD13-05	16-Jul-95	21-Jul-95	5	14	ok
SD13-06	15-Jul-95	21-Jul-95	6	14	ok
ST14-01	13-Jul-95	19-Jul-95	6	14	ok
ST14-02	13-Jul-95	19-Jul-95	6	14	ok
ST14-03	13-Jul-95	19-Jul-95	6	14	ok
ST14-04	12-Jul-95	18-Jul-95	6	14	ok
ST14-W05	13-Jul-95	19-Jul-95	6	14	ok
ST14-W06	13-Jul-95	19-Jul-95	6	14	ok
ST14-W07	13-Jul-95	19-Jul-95	6	14	ok
ST14-W08	14-Jul-95	20-Jul-95	6	14	ok
ST14-W09	13-Jul-95	19-Jul-95	6	14	ok
ST14-W09MS	13-Jul-95	19-Jul-95	6	14	ok
ST14-W09MSD	13-Jul-95	19-Jul-95	6	14	ok
ST14-W11	13-Jul-95	19-Jul-95	6	14	ok
ST14-W13	13-Jul-95	19-Jul-95	6	14	ok
ST14-W15	12-Jul-95	18-Jul-95	6	14	ok
ST14-W16	12-Jul-95	18-Jul-95	6	14	ok
ST14-W19	13-Jul-95	19-Jul-95	6	14	ok
ST14-W19MS	13-Jul-95	19-Jul-95	6	14	ok
ST14-W19MSD	13-Jul-95	19-Jul-95	6	14	ok
ST14-W20	12-Jul-95	18-Jul-95	6	14	ok
ST14-W21	12-Jul-95	18-Jul-95	6	14	ok
ST14-W22	14-Jul-95	20-Jul-95	6	14	ok
ST14-W23	12-Jul-95	18-Jul-95	6	14	ok
T3	14-Jul-95	20-Jul-95	6	14	ok
T4A	14-Jul-95	20-Jul-95	6	14	ok
T7	15-Jul-95	21-Jul-95	6	14	ok
TB-071295	12-Jul-95	18-Jul-95	6	14	ok
TB-071395	13-Jul-95	19-Jul-95	6	14	ok
TB-071495	14-Jul-95	20-Jul-95	6	14	ok
TB-071795A	16-Jul-95	20-Jul-95	4	14	ok
TB-071795B	17-Jul-95	21-Jul-95	4	14	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
SEMI-VOLATILE ORGANIC COUPOUNDS BY GC/MS - SW8270/SW3520						
BSSA	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
BSSB	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
FDUP-1	16-Jul-95	19-Jul-95	31-Jul-95	15	40	ok
FDUP-2	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
FDUP-3	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
FDUP-4	16-Jul-95	19-Jul-95	30-Jul-95	14	40	ok
FDUP-5	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok
FDUP-6	12-Jul-95	14-Jul-95	28-Jul-95	16	40	ok
FDUP-7	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
FDUP-8	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
FT08-11A	14-Jul-95	18-Jul-95	31-Jul-95	17	40	ok
FT08-11B	14-Jul-95	18-Jul-95	31-Jul-95	17	40	ok
FT09-12A	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
FT09-12B	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
FT09-12BMS	12-Jul-95	14-Jul-95	19-Jul-95	7	40	ok
FT09-12BMSD	12-Jul-95	14-Jul-95	19-Jul-95	7	40	ok
FT09-12C	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
GM122-05M	14-Jul-95	18-Jul-95	31-Jul-95	17	40	ok
GMI04-01M	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
GMI22-01M	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
GMI22-02M	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
GMI22-03M	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
GMI22-04M	15-Jul-95	19-Jul-95	31-Jul-95	16	40	ok
GMI22-06M	15-Jul-95	19-Jul-95	28-Jul-95	13	40	ok
GMI22-07M	15-Jul-95	19-Jul-95	31-Jul-95	16	40	ok
GMI22-08M	15-Jul-95	19-Jul-95	1-Aug-95	17	40	ok
GMI22-08MMS	15-Jul-95	19-Jul-95	1-Aug-95	17	40	ok
GMI22-08MMSD	15-Jul-95	19-Jul-95	1-Aug-95	17	40	ok
LF01-1A	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
LF01-1C	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok
LF01-1D	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
LF01-1E	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
LF04-4A	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
LF04-4B	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
LF04-4D	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
LF04-4E	16-Jul-95	19-Jul-95	31-Jul-95	15	40	ok
LF04-4EMS	16-Jul-95	19-Jul-95	31-Jul-95	15	40	ok
LF04-4EMSD	16-Jul-95	19-Jul-95	31-Jul-95	15	40	ok
LF04-4F	16-Jul-95	19-Jul-95	31-Jul-95	15	40	ok
LF05-5C	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
LF05-5D	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
LF05-5G	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
LSA1628-1	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
LSA1628-2	16-Jul-95	19-Jul-95	2-Aug-95	17	40	ok
LSA1628-3	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
MW-10	15-Jul-95	19-Jul-95	2-Aug-95	18	40	ok
MW-10MS	15-Jul-95	19-Jul-95	2-Aug-95	18	40	ok
MW-10MSD	15-Jul-95	19-Jul-95	2-Aug-95	18	40	ok
MW-11	15-Jul-95	19-Jul-95	30-Jul-95	15	40	ok
MW-12	15-Jul-95	19-Jul-95	1-Aug-95	17	40	ok
MW-5	15-Jul-95	19-Jul-95	30-Jul-95	15	40	ok
MW-7	15-Jul-95	19-Jul-95	28-Jul-95	13	40	ok
MW-8	15-Jul-95	19-Jul-95	30-Jul-95	15	40	ok
MW-9	15-Jul-95	19-Jul-95	30-Jul-95	15	40	ok
OT15C	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
OT15CMS	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
OT15CMSD	16-Jul-95	19-Jul-95	1-Aug-95	16	40	ok
P3A	15-Jul-95	19-Jul-95	31-Jul-95	16	40	ok
P6A	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
SD13-01	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
SD13-02	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
SD13-03	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
SD13-03MS	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok
SD13-03MSD	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok
SD13-05	16-Jul-95	19-Jul-95	30-Jul-95	14	40	ok
SD13-06	15-Jul-95	19-Jul-95	30-Jul-95	15	40	ok
SD13-07	16-Jul-95	19-Jul-95	28-Jul-95	12	40	ok
ST14-01	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok

TABLE H-2

SUMMARY OF EXTRACTION AND ANALYSIS DATES
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

Sample ID	Sampling Date	Extraction Date	Analysis Date	Extraction Date to Analysis Date		
				days	criterion	status
ST14-02	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-03	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-04	12-Jul-95	14-Jul-95	26-Jul-95	14	40	ok
ST14-W05	13-Jul-95	17-Jul-95	27-Jul-95	14	40	ok
ST14-W06	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W07	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W08	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
ST14-W09	13-Jul-95	17-Jul-95	25-Jul-95	12	40	ok
ST14-W09MS	13-Jul-95	17-Jul-95	25-Jul-95	12	40	ok
ST14-W09MSD	13-Jul-95	17-Jul-95	25-Jul-95	12	40	ok
ST14-W11	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W13	13-Jul-95	17-Jul-95	27-Jul-95	14	40	ok
ST14-W15	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
ST14-W16	12-Jul-95	14-Jul-95	26-Jul-95	14	40	ok
ST14-W19	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W19MS	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W19MSD	13-Jul-95	17-Jul-95	26-Jul-95	13	40	ok
ST14-W20	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
ST14-W21	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
ST14-W22	14-Jul-95	18-Jul-95	27-Jul-95	13	40	ok
ST14-W23	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
T3	14-Jul-95	18-Jul-95	31-Jul-95	17	40	ok
T4A	14-Jul-95	18-Jul-95	28-Jul-95	14	40	ok
T7	15-Jul-95	19-Jul-95	1-Aug-95	17	40	ok
WP07-10B	12-Jul-95	14-Jul-95	20-Jul-95	8	40	ok
WP07-10C	12-Jul-95	14-Jul-95	26-Jul-95	14	40	ok

PREPARED/DATE: JLP 10/02/95
CHECKED/DATE: SDM 10/02/95

283477

TAB

APPENDIX I

282478

APPENDIX I

ANALYTICAL DATA SUMMARY TABLES

282479

APPENDIX I-1

FIRST QUARTER ANALYTICAL DATA SUMMARY TABLES

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF01-1C 13-APR-95	LF01-1D 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 13-APR-95	LF04-4A 07-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		2100 JB	<500	1100 JB	<500	650 JB	1100
Antimony	250		<250 J	<250	<250 J	<250	<250	<250
Barium	20.0		140 J	180	64 J	130	110	100
Beryllium	3.00		<3.0 J	<3.0	<3.0 J	<3.0	<3.0	<3.0
Cadmium	10.0		<10 J	<10	<10 J	<10	<10	<10
Calcium	100		140000 J	160000	180000 J	140000	120000	110000
Chromium	50.0		<50 J	<50	<50 J	<50	<50	<50
Cobalt	50.0		<50 J	<50	<50 J	<50	<50	<50
Copper	50.0		<50 J	<50	<50 J	<50	<50	<50
Iron	50.0		7900 J	2100	3400 J	280 J	500 J	1200
Magnesium	250		6800 J	13000	9700 J	8400	7200	4700
Manganese	10.0		420 J	670	430 J	3200	3100	110
Molybdenum	50.0		<50 J	<50	<50 J	<50	<50	<50
Nickel	50.0		<50 J	<50	<50 J	<50	<50	420
Potassium	600		2000 J	<600	2900 J	<600	<600	1100
Silver	50.0		<50 J	<50	<50 J	<50	<50	<50
Sodium	250		25000 J	8800	25000 J	21000	18000	33000
Vanadium	50.0		<50 J	<50	<50 J	<50	<50	<50
Zinc	10.0		11 J	<10	<10 J	10	<10	<10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0 J	5.3	<5.0 J	<5.0	<5.0	<25
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50 J	<0.50	<0.50 J	<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0 J	<2.0	<2.0 J	<2.0	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-	-
Acetone	10.0		-	-	-	-	-	-
Benzene	5.00		-	-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF01-1C 13-APR-95	LF01-1D 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 13-APR-95	LF04-4A 07-APR-95
Bromoform	5.00		-	-	-	-	-	-
Bromomethane	10.0		-	-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-	-
Chloroform	5.00		-	-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-	-
Styrene	5.00		-	-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-	-
Toluene	5.00		-	-	-	-	-	-
Trichloroethene	5.00		-	-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Butanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon disulfide	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	0.27 JQ
Chloromethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF01-1C 13-APR-95	LF01-1D 13-APR-95	FDUP-5 13-APR-95 Duplicate of LF01-1E	LF01-1E 13-APR-95	LF04-4A 07-APR-95
Dibromochloromethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene chloride	2.00		2.2 JB	2.1 JB	1.9 JB	1.9 JB	1.8 JB	1.6 JB
Styrene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl acetate	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylenes (total)	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			94	95	93	95	95	94
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			90	90	92	90	93	94
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	99	99	100	100	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	<13	<11	<11	<11	<10
1,2-Dichlorobenzene	10.0		<11	<13	<11	<11	<11	<10
1,3-Dichlorobenzene	10.0		<11	<13	<11	<11	<11	<10
1,4-Dichlorobenzene	10.0		<11	<13	<11	<11	<11	<10
2,4,5-Trichlorophenol	20.0		<21	<26	<22	<22	<22	<20
2,4,6-Trichlorophenol	10.0		<11	<13	<11	<11	<11	<10
2,4-Dichlorophenol	10.0		<11	<13	<11	<11	<11	<10
2,4-Dimethylphenol	10.0		<11	<13	<11	<11	<11	<10
2,4-Dinitrophenol	50.0		<53	<64	<55	<54	<55	<50
2,4-Dinitrotoluene	10.0		<11	<13	<11	<11	<11	<10
2,6-Dinitrotoluene	10.0		<11	<13	<11	<11	<11	<10
2-Chloronaphthalene	10.0		<11	<13	<11	<11	<11	<10
2-Chlorophenol	10.0		<11	<13	<11	<11	<11	<10
2-Methylnaphthalene	10.0		<11	<13	<11	<11	<11	<10
2-Methylphenol	10.0		<11	<13	<11	<11	<11	<10
2-Nitroaniline	50.0		<53	<64	<55	<54	<55	<50 J
2-Nitrophenol	10.0		<11	<13	<11	<11	<11	<10
3,3'-Dichlorobenzidine	20.0		<21	<26	<22	<22 J	<22	<20
3-Nitroaniline	50.0		<53	<64	<55	<54	<55	<50 J
4,6-Dinitro-2-methylphenol	50.0		<53	<64	<55	<54	<55	<50
4-Bromophenyl phenyl ether	10.0		<11	<13	<11	<11	<11	<10
4-Chloro-3-methylphenol	10.0		<11	<13	<11	<11	<11	<10
4-Chloroaniline	20.0		<21	<26	<22	<22	<22	<20
4-Chlorophenyl phenyl ether	10.0		<11	<13	<11	<11	<11	<10
4-Methylphenol	10.0		<11	<13	<11	<11	<11	<10
4-Nitroaniline	50.0		<53	<64	<55	<54	<55	<50
4-Nitrophenol	50.0		<53	<64	<55	<54	<55	<50 J
Acenaphthene	10.0		<11	<13	<11	<11	<11	<10
Acenaphthylene	10.0		<11	<13	<11	<11	<11	<10
Anthracene	10.0		<11	<13	<11	<11	<11	<10

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

		Sample ID :	LF01-1A	LF01-1C	LF01-1D	FDUP-5	LF01-1E	LF04-4A
		Sample Date :	13-APR-95	13-APR-95	13-APR-95	13-APR-95	13-APR-95	07-APR-95
	Quantitation Limits	Notes:				Duplicate of LF01-1E		
PARAMETER/METHOD(UNITS)								
Benz(a)anthracene	10.0		<11	<13	<11	<11	<11	<10
Benzo(a)pyrene	10.0		<11	<13	<11	<11	<11	<10
Benzo(b)fluoranthene	10.0		<11	<13	<11	<11	<11	<10
Benzo(g,h,i)perylene	10.0		<11	<13	<11	<11	<11	<10
Benzo(k)fluoranthene	10.0		<11	<13	<11	<11	<11	<10
Benzoic acid	50.0		<53 J	<64 J	<55 J	<54 J	<55 J	<50
Benzyl alcohol	20.0		<21	<26	<22	<22	<22	<20
Butyl benzyl phthalate	10.0		<11	<13	<11	<11	<11	<10
Chrysene	10.0		<11	<13	<11	<11	<11	<10
Di-n-butylphthalate	10.0		0.90 JQ	<13	<11	1.1 JQ	<11	<10
Di-n-octylphthalate	10.0		<11	<13	<11	<11	<11	<10
Dibenz(a,h)anthracene	10.0		<11	<13	<11	<11	<11	<10
Dibenzofuran	10.0		<11	<13	<11	<11	<11	<10
Diethylphthalate	10.0		<11	<13	<11	<11	<11	<10
Dimethylphthalate	10.0		<11	<13	<11	<11	<11	<10
Fluoranthene	10.0		<11	<13	<11	<11	<11	<10
Fluorene	10.0		<11	<13	<11	<11	<11	<10
Hexachlorobenzene	10.0		<11	<13	<11	<11	<11	<10
Hexachlorobutadiene	10.0		<11	<13	<11	<11	<11	<10
Hexachlorocyclopentadiene	10.0		<11 J	<13 J	<11 J	<11 J	<11 J	<10 J
Hexachloroethane	10.0		<11	<13	<11	<11	<11	<10
Indeno(1,2,3-cd)pyrene	10.0		<11	<13	<11	<11	<11	<10
Isophorone	10.0		<11	<13	<11	<11	<11	<10
Naphthalene	10.0		<11	<13	<11	<11	<11	<10
Nitrobenzene	10.0		<11	<13	<11	<11	<11	<10
Pentachlorophenol	30.0		<32	<38	<33	<32	<33	<30
Phenanthrene	10.0		<11	<13	<11	<11	<11	<10
Phenol	10.0		<11	<13	<11	<11	<11	<10
Pyrene	10.0		<11	<13	<11	<11	<11	<10
bis(2-Chloroethoxy)methane	10.0		<11	<13	<11	<11	<11	<10
bis(2-Chloroethyl)ether	10.0		<11 J	<13 J	<11 J	<11 J	<11 J	<10
bis(2-Chloroisopropyl)ether	10.0		<11	<13	<11	<11	<11	<10
bis(2-Ethylhexyl)phthalate	10.0		<11	<13	<11	<11	<11	<10
n-Nitrosodinpropylamine	10.0		<11	<13	<11	<11	<11	<10
n-Nitrosodiphenylamine	10.0		<11	<13	<11	<11	<11	<10
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			61	61	57	58	42	50
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			57	56	56	55	54	74
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			44	48	47	43	26	38
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			52	52	52	54	47	64
sur-Phenol-d6 %R 10-94 R% (10 - 94)			29	37	48	27	36	38
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			60	59	61	64	65	73

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4E 06-APR-95	LF04-4F 06-APR-95	LF05-5C 12-APR-95	Re
METALS, TOTAL BY ICP/SW 6010 (µg/L)									
Aluminum	500		3700	<500	-	6200 J	1900	2300	
Antimony	250		<250	<250	-	<250	<250	<250	
Barium	20.0		120	290	-	170	76	260	
Beryllium	3.00		<3.0	<3.0	-	<3.0	<3.0	<3.0	
Cadmium	10.0		<10	<10	-	<10	<10	<10	
Calcium	100		140000	280000	-	200000	170000	140000	
Chromium	50.0		<50	<50	-	<50	<50	<50	
Cobalt	50.0		<50	<50	-	<50	<50	<50	
Copper	50.0		<50	<50	-	<50	<50	<50	
Iron	50.0		4700	20000	-	11000	4500	5700	
Magnesium	250		6300	9100	-	6900	5800	8200	
Manganese	10.0		400	3600	-	1200	110	820	
Molybdenum	50.0		<50	<50	-	<50	<50	<50	
Nickel	50.0		<50	<50	-	<50	<50	<50	
Potassium	600		4300	3100	-	3900	1800	2000	
Silver	50.0		<50	<50	-	<50	<50	<50	
Sodium	250		36000	23000	-	22000	18000	22000	
Vanadium	50.0		<50	56	-	<50	<50	<50	
Zinc	10.0		10	21	-	20	12	10	
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)									
Arsenic	5.00		<5.0	<5.0	-	<25 JL	<5.0	<5.0	
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)									
Lead	5.00		<5.0	12	-	8.0	<5.0	<5.0	
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)									
Mercury	0.500		<0.50	<0.50	-	1.6 JL	<0.50	<0.50	
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)									
Selenium	5.00		<5.0	<5.0	-	<5.0	<5.0	<5.0	
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)									
Thallium	2.00		<2.0	<2.0	-	<2.0	<2.0	<2.0	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)									
1,1,1-Trichloroethane	5.00		-	<50	-	<50	<100	<50	
1,1,2,2-Tetrachloroethane	5.00		-	<50	-	<50	<100	<50	
1,1,2-Trichloroethane	5.00		-	<50	-	<50	<100	<50	
1,1-Dichloroethane	5.00		-	<50	-	<50	<100	<50	
1,1-Dichloroethene	5.00		-	<50	-	<50	<100	<50	
1,2-Dichloroethane	5.00		-	<50	-	<50	<100	<50	
1,2-Dichloropropane	5.00		-	<50	-	<50	<100	<50	
2-Butanone (MEK)	10.0		-	<100	-	<100	<200	<100	
2-Chloroethyl vinyl ether	10.0		-	<100	-	<100	<200	<100	
2-Hexanone	10.0		-	<100	-	<100	<200	<100	
4-Methyl-2-pentanone	10.0		-	<100	-	<100	<200	<100	
Acetone	10.0		-	<100	-	<100	<200	<100	
Benzene	5.00		-	<50	-	<50	<100	<50	
Bromodichloromethane	5.00		-	<50	-	<50	<100	<50	

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

	Quantitation Limits	Sample ID : / Sample Date : / Notes:	LF04-4B 07-APR-95	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4E 06-APR-95	LF04-4F 06-APR-95	LF05-5C 12-APR-95	Re
PARAMETER/METHOD(UNITS)									
Bromoform	5.00		-	<50	-	<50	<100	<50	
Bromomethane	10.0		-	<100	-	<100	<200	<100	
Carbon disulfide	5.00		-	<50	-	<50	<100	<50	
Carbon tetrachloride	5.00		-	<50	-	<50	<100	<50	
Chlorobenzene	5.00		-	<50	-	<50	<100	<50	
Chloroethane	10.0		-	<100	-	<100	<200	<100	
Chloroform	5.00		-	<50	-	<50	<100	<50	
Chloromethane	10.0		-	<100	-	<100	<200	<100	
Dibromochloromethane	5.00		-	<50	-	<50	<100	<50	
Ethylbenzene	5.00		-	<50	-	<50	<100	<50	
Methylene chloride	5.00		-	85	-	33 JB	120	54 JB	
Styrene	5.00		-	<50	-	<50	<100	<50	
Tetrachloroethene	5.00		-	<50	-	<50	<100	<50	
Toluene	5.00		-	<50	-	<50	<100	<50	
Trichloroethene	5.00		-	1100	-	1500	1600	820	
Vinyl acetate	10.0		-	<100	-	<100	<200	<100	
Vinyl chloride	10.0		-	<100	-	<100	<200	<100	
Xylenes (total)	5.00		-	<50	-	<50	<100	<50	
cis-1,2-Dichloroethene	5.00		-	390	-	370	340	200	
cis-1,3-Dichloropropene	5.00		-	<50	-	<50	<100	<50	
trans-1,2-Dichloroethene	5.00		-	17 JQ	-	18	19 JQ	17	
trans-1,3-Dichloropropene	5.00		-	<50	-	<50	<100	<50	
% Surrogate Recovery (Control Limit)									
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	98	-	97	102	95	
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	98	-	94	97	102	
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	103	-	102	104	103	
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)									
1,1,1-Trichloroethane	0.500		<0.50	-	-	-	-	-	
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	-	-	-	-	
1,1,2-Trichloroethane	1.00		<1.0	-	-	-	-	-	
1,1-Dichloroethane	0.500		<0.50	-	-	-	-	-	
1,1-Dichloroethene	0.500		<0.50	-	-	-	-	-	
1,2-Dichloroethane	1.00		<1.0	-	-	-	-	-	
1,2-Dichloropropane	0.500		<0.50	-	-	-	-	-	
2-Butanone	5.00		<5.0	-	-	-	-	-	
2-Chloroethyl vinyl ether	5.00		<5.0	-	-	-	-	-	
2-Hexanone	5.00		<5.0	-	-	-	-	-	
4-Methyl-2-pentanone	5.00		<5.0	-	-	-	-	-	
Acetone	5.00		<5.0	-	-	-	-	-	
Benzene	0.500		<0.50	-	-	-	-	-	
Bromodichloromethane	0.500		<0.50	-	-	-	-	-	
Bromoform	1.00		<1.0	-	-	-	-	-	
Bromomethane	2.00		<2.0	-	-	-	-	-	
Carbon disulfide	1.00		<1.0	-	-	-	-	-	
Carbon tetrachloride	0.500		<0.50	-	-	-	-	-	
Chlorobenzene	0.500		<0.50	-	-	-	-	-	
Chloroethane	2.00		<2.0	-	-	-	-	-	
Chloroform	0.500		<0.50	-	-	-	-	-	
Chloromethane	2.00		<2.0	-	-	-	-	-	

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4E 06-APR-95	LF04-4F 06-APR-95	LF05-5C 12-APR-95	Re
Dibromochloromethane	0.500		<0.50	-	-	-	-	-	
Ethylbenzene	0.500		<0.50	-	-	-	-	-	
Methylene chloride	2.00		<2.0	-	-	-	-	-	
Styrene	0.500		<0.50	-	-	-	-	-	
Tetrachloroethene	0.500		<0.50	-	-	-	-	-	
Toluene	0.500		<0.50	-	-	-	-	-	
Trichloroethene	0.500		<0.50	-	-	-	-	-	
Vinyl acetate	5.00		<5.0	-	-	-	-	-	
Vinyl chloride	2.00		<2.0	-	-	-	-	-	
Xylenes (total)	1.00		<1.0	-	-	-	-	-	
cis-1,2-Dichloroethene	0.500		<0.50	-	-	-	-	-	
cis-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-	
trans-1,2-Dichloroethene	0.500		<0.50	-	-	-	-	-	
trans-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-	
% Surrogate Recovery (Control Limit)									
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			97	-	-	-	-	-	
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			96	-	-	-	-	-	
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	-	-	-	-	-	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)									
1,2,4-Trichlorobenzene	10.0		<11	<10	<10	<11	<10	<12	
1,2-Dichlorobenzene	10.0		<11	<10	<10	<11	<10	<12	
1,3-Dichlorobenzene	10.0		<11	<10	<10	<11	<10	<12	
1,4-Dichlorobenzene	10.0		<11	<10	<10	<11	<10	<12	
2,4,5-Trichlorophenol	20.0		<22	<21	<21	<22 JL	<21	<24	
2,4,6-Trichlorophenol	10.0		<11	<10	<10	<11 JL	<10	<12	
2,4-Dichlorophenol	10.0		<11	<10	<10	<11 JL	<10	<12	
2,4-Dimethylphenol	10.0		<11	<10	<10	<11 JL	<10	<12	
2,4-Dinitrophenol	50.0		<54	<53	<53	<54 JL	<53	<61	
2,4-Dinitrotoluene	10.0		<11	<10 J	<10	<11	<10	<12	
2,6-Dinitrotoluene	10.0		<11	<10	<10	<11	<10	<12	
2-Chloronaphthalene	10.0		<11	<10	<10	<11	<10	<12	
2-Chlorophenol	10.0		<11	<10	<10	<11 JL	<10	<12	
2-Methylnaphthalene	10.0		<11	<10	<10	<11	<10	<12	
2-Methylphenol	10.0		<11	<10	<10	<11 JL	<10	<12	
2-Nitroaniline	50.0		<54 J	<53	<53	<54	<53	<61	
2-Nitrophenol	10.0		<11	<10	<10	<11 JL	<10	<12	
3,3'-Dichlorobenzidine	20.0		<22	<21	<21	<22	<21	<24	
3-Nitroaniline	50.0		<54 J	<53	<53	<54	<53	<61	
4,6-Dinitro-2-methylphenol	50.0		<54	<53	<53	<54 JL	<53	<61	
4-Bromophenyl phenyl ether	10.0		<11	<10	<10	<11	<10	<12	
4-Chloro-3-methylphenol	10.0		<11	<10	<10	<11 JL	<10	<12	
4-Chloroaniline	20.0		<22	<21	<21	<22	<21	<24	
4-Chlorophenyl phenyl ether	10.0		<11	<10	<10	<11	<10	<12	
4-Methylphenol	10.0		<11	<10 J	<10	<11	<10	<12	
4-Nitroaniline	50.0		<54	<53 R	<53	<54	<53	<61	
4-Nitrophenol	50.0		<54 J	<53	<53	<54 JL	<53 J	<61 J	
Acenaphthene	10.0		<11	<10	<10	<11	<10	<12	
Acenaphthylene	10.0		<11	<10	<10	<11	<10	<12	
Anthracene	10.0		<11	<10	<10	<11	<10	<12	

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LF04-4D 06-APR-95	LF04-4D 06-APR-95 Reanalysis of LF04-4D	LF04-4E 06-APR-95	LF04-4F 06-APR-95	LF05-5C 12-APR-95	Re
Benz(a)anthracene	10.0		<11	<10	<10	<11	<10	<12	
Benzo(a)pyrene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Benzo(b)fluoranthene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Benzo(g,h,i)perylene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Benzo(k)fluoranthene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Benzoic acid	50.0		<54	<53 J	<53 J	<54	<53	<61 R	
Benzyl alcohol	20.0		<22	<21	<21	<22	<21	<24	
Butyl benzyl phthalate	10.0		<11	<10	<10	<11	<10	<12	
Chrysene	10.0		<11	<10	<10	<11	<10	<12	
Di-n-butylphthalate	10.0		<11	<10	<10	0.75 JB	<10	<12	
Di-n-octylphthalate	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Dibenz(a,h)anthracene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Dibenzofuran	10.0		<11	<10	<10	<11	<10	<12	
Diethylphthalate	10.0		<11	<10	<10	<11	<10	<12	
Dimethylphthalate	10.0		<11	<10	<10	<11	<10	<12	
Fluoranthene	10.0		<11	<10	<10	<11	<10	<12	
Fluorene	10.0		<11	<10	<10	<11	<10	<12	
Hexachlorobenzene	10.0		<11	<10	<10	<11	<10	<12	
Hexachlorobutadiene	10.0		<11	<10	<10	<11	<10	<12	
Hexachlorocyclopentadiene	10.0		<11 J	<10 J	<10	<11	<10 J	<12	
Hexachloroethane	10.0		<11	<10	<10	<11	<10	<12	
Indeno(1,2,3-cd)pyrene	10.0		<11	<10 J	<10 J	<11	<10	<12 J	
Isophorone	10.0		<11	<10	<10	<11	<10	<12	
Naphthalene	10.0		<11	<10	<10	<11	<10	<12	
Nitrobenzene	10.0		<11	<10	<10	<11	<10	<12	
Pentachlorophenol	30.0		<33	<32	<32	<32 JL	<32	<37	
Phenanthrene	10.0		<11	<10	<10	<11	<10	<12	
Phenol	10.0		<11	<10	<10	<11 JL	<10	<12	
Pyrene	10.0		<11	<10	<10	<11	<10	<12	
bis(2-Chloroethoxy)methane	10.0		<11	<10	<10	<11	<10	<12	
bis(2-Chloroethyl)ether	10.0		<11	<10	<10	<11	<10	<12	
bis(2-Chloroisopropyl)ether	10.0		<11	<10	<10	<11	<10	<12	
bis(2-Ethylhexyl)phthalate	10.0		<11	<10	<10	<11	<10	<12	
n-Nitrosodinpropylamine	10.0		<11	<10	<10	<11	<10	<12	
n-Nitrosodiphenylamine	10.0		<11	<10	<10	<11	<10	<12	
% Surrogate Recovery (Control Limit)									
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			75	67	78	76	79	66	
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			71	59	79	75	71	61	
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			69	33	47	65	51	40	
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			66	52	66	65	66	60	
sur-Phenol-d6 %R 10-94 R% (10 - 94)			62	37	47	0.0	74	59	
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			74	60	77	72	70	71	

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	LF05-5C	LF05-5D	LF05-5G	FDUP-7	FT09-12A	FT09-12B
		Sample Date :	12-APR-95	12-APR-95	13-APR-95	12-APR-95	12-APR-95	12-APR-95
		Notes:	nalysis of LF05-5C			Duplicate of FT09-12A		
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		-	720	15000 J	2200 J	3000 J	<500
Antimony	250		-	<250	<250 J	<250	<250	<250
Barium	20.0		-	280	200 J	110	120	140
Beryllium	3.00		-	<3.0	<3.0 J	<3.0	<3.0	<3.0
Cadmium	10.0		-	<10	<10 J	<10	<10	<10
Calcium	100		-	190000	350000 J	120000	140000	140000
Chromium	50.0		-	<50	<50 J	<50	<50	<50
Cobalt	50.0		-	<50	<50 J	<50	<50	<50
Copper	50.0		-	<50	<50 J	<50	<50	<50
Iron	50.0		-	12000	19000 J	2000 J	3500 J	1200 JH
Magnesium	250		-	14000	17000 J	4100	4400	4900
Manganese	10.0		-	1400	580 J	68	86	630 JH
Molybdenum	50.0		-	<50	<50 J	<50	<50	<50
Nickel	50.0		-	<50	<50 J	<50	<50	<50
Potassium	600		-	5700	5200 J	1200	1400	<600
Silver	50.0		-	<50	<50 J	<50	<50	<50
Sodium	250		-	17000	44000 J	15000	15000	21000
Vanadium	50.0		-	<50	<50 J	<50	<50	<50
Zinc	10.0		-	<10	49 J	<10	14	<10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		-	17	<5.0 J	<5.0	<5.0	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		-	<5.0	10 J	<5.0	<5.0	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		-	<0.50	<0.50 J	<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		-	<5.0	<5.0 J	<5.0	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		-	<2.0	<2.0 J	<2.0	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	<50	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	<50	-	-	-
1,1,2-Trichloroethane	5.00		-	-	<50	-	-	-
1,1-Dichloroethane	5.00		-	-	<50	-	-	-
1,1-Dichloroethene	5.00		-	-	<50	-	-	-
1,2-Dichloroethane	5.00		-	-	<50	-	-	-
1,2-Dichloropropane	5.00		-	-	<50	-	-	-
2-Butanone (MEK)	10.0		-	-	<100	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	<100	-	-	-
2-Hexanone	10.0		-	-	<100	-	-	-
4-Methyl-2-pentanone	10.0		-	-	<100	-	-	-
Acetone	10.0		-	-	<100	-	-	-
Benzene	5.00		-	-	<50	-	-	-
Bromodichloromethane	5.00		-	-	<50	-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	LF05-5C	LF05-5D	LF05-5G	FDUP-7	FT09-12A	FT09-12B
		Sample Date :	12-APR-95	12-APR-95	13-APR-95	12-APR-95	12-APR-95	12-APR-95
		Notes:	nalysis of LF05-5C			Duplicate of FT09-12A		
Bromoform	5.00		-	-	<50	-	-	-
Bromomethane	10.0		-	-	<100	-	-	-
Carbon disulfide	5.00		-	-	<50	-	-	-
Carbon tetrachloride	5.00		-	-	<50	-	-	-
Chlorobenzene	5.00		-	-	<50	-	-	-
Chloroethane	10.0		-	-	<100	-	-	-
Chloroform	5.00		-	-	<50	-	-	-
Chloromethane	10.0		-	-	<100	-	-	-
Dibromochloromethane	5.00		-	-	<50	-	-	-
Ethylbenzene	5.00		-	-	<50	-	-	-
Methylene chloride	5.00		-	-	<50	-	-	-
Styrene	5.00		-	-	<50	-	-	-
Tetrachloroethene	5.00		-	-	<50	-	-	-
Toluene	5.00		-	-	<50	-	-	-
Trichloroethene	5.00		-	-	930	-	-	-
Vinyl acetate	10.0		-	-	<100	-	-	-
Vinyl chloride	10.0		-	-	<100	-	-	-
Xylenes (total)	5.00		-	-	<50	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	300	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	<50	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	17	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	<50	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	93	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	102	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	106	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1.00		-	<1.0	-	<1.0	<1.0	<1.0
1,1-Dichloroethane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
1,1-Dichloroethene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
1,2-Dichloroethane	1.00		-	<1.0	-	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
2-Butanone	5.00		-	<5.0	-	<5.0	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		-	<5.0	-	<5.0	<5.0	<5.0
2-Hexanone	5.00		-	<5.0	-	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	5.00		-	<5.0	-	<5.0	<5.0	<5.0
Acetone	5.00		-	<5.0	-	<5.0	<5.0	<5.0
Benzene	0.500		-	0.38 JQ	-	<0.50	<0.50	0.37 JQ
Bromodichloromethane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Bromoform	1.00		-	<1.0	-	<1.0	<1.0	<1.0
Bromomethane	2.00		-	<2.0	-	<2.0	<2.0	<2.0
Carbon disulfide	1.00		-	<1.0	-	<1.0	<1.0	<1.0
Carbon tetrachloride	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Chlorobenzene	0.500		-	3.1	-	<0.50	<0.50	<0.50
Chloroethane	2.00		-	<2.0	-	<2.0	<2.0	<2.0
Chloroform	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Chloromethane	2.00		-	<2.0	-	<2.0	<2.0	<2.0

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	LF05-5C	LF05-5D	LF05-5G	FDUP-7	FT09-12A	FT09-12B
		Sample Date :	12-APR-95	12-APR-95	13-APR-95	12-APR-95	12-APR-95	12-APR-95
		Notes:	nalysis of LF05-5C			Duplicate of FT09-12A		
Dibromochloromethane	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Ethylbenzene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Methylene chloride	2.00		-	1.6 JB	-	1.9 JB	2.2 JB	2.4 JB
Styrene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Tetrachloroethene	0.500		-	<0.50	-	<0.50	<0.50	7.8
Toluene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
Trichloroethene	0.500		-	8.4	-	<0.50	<0.50	14
Vinyl acetate	5.00		-	<5.0	-	<5.0	<5.0	<5.0
Vinyl chloride	2.00		-	3.2	-	<2.0	<2.0	<2.0
Xylenes (total)	1.00		-	<1.0	-	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		-	14	-	<0.50	<0.50	4.9
cis-1,3-Dichloropropene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		-	6.4	-	<0.50	<0.50	0.45 JQ
trans-1,3-Dichloropropene	0.500		-	<0.50	-	<0.50	<0.50	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	96	-	96	94	92
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	93	-	93	93	90
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	100	-	100	100	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<12	<11	<11	<12	<12	<12
1,2-Dichlorobenzene	10.0		<12	<11	<11	<12	<12	<12
1,3-Dichlorobenzene	10.0		<12	<11	<11	<12	<12	<12
1,4-Dichlorobenzene	10.0		<12	<11	<11	<12	<12	<12
2,4,5-Trichlorophenol	20.0		<24	<23	<22	<23	<25	<25
2,4,6-Trichlorophenol	10.0		<12	<11	<11	<12	<12	<12
2,4-Dichlorophenol	10.0		<12	<11	<11	<12	<12	<12
2,4-Dimethylphenol	10.0		<12	<11	<11	<12	<12	<12
2,4-Dinitrophenol	50.0		<61	<57	<54	<58	<62	<62
2,4-Dinitrotoluene	10.0		<12	<11	<11	<12	<12	<12
2,6-Dinitrotoluene	10.0		<12	<11	<11	<12	<12	<12
2-Chloronaphthalene	10.0		<12	<11	<11	<12	<12	<12
2-Chlorophenol	10.0		<12	<11	<11	<12	<12	<12
2-Methylnaphthalene	10.0		<12	<11	<11	<12	<12	<12
2-Methylphenol	10.0		<12	<11	<11	<12	<12	<12
2-Nitroaniline	50.0		<61	<57	<54	<58	<62	<62
2-Nitrophenol	10.0		<12	<11	<11	<12	<12	<12
3,3'-Dichlorobenzidine	20.0		<24	<23	<22	<23	<25	<25
3-Nitroaniline	50.0		<61	<57	<54	<58	<62	<62
4,6-Dinitro-2-methylphenol	50.0		<61	<57	<54	<58	<62	<62
4-Bromophenyl phenyl ether	10.0		<12	<11	<11	<12	<12	<12
4-Chloro-3-methylphenol	10.0		<12	<11	<11	<12	<12	<12
4-Chloroaniline	20.0		<24	<23	<22	<23	<25	<25
4-Chlorophenyl phenyl ether	10.0		<12	<11	<11	<12	<12	<12
4-Methylphenol	10.0		<12	<11	<11	<12	<12	<12
4-Nitroaniline	50.0		<61 J	<57	<54	<58	<62	<62
4-Nitrophenol	50.0		<61 J	<57 J	<54	<58 J	<62 J	<62 J
Acenaphthene	10.0		<12	<11	<11	<12	<12	<12
Acenaphthylene	10.0		<12	<11	<11	<12	<12	<12
Anthracene	10.0		<12	<11	<11	<12	<12	<12

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

	Quantitation Limits	Sample ID :	LF05-5C	LF05-5D	LF05-5G	FDUP-7	FT09-12A	FT09-12B
		Sample Date :	12-APR-95	12-APR-95	13-APR-95	12-APR-95	12-APR-95	12-APR-95
		Notes:	nalysis of LF05-5C			Duplicate of FT09-12A		
PARAMETER/METHOD(UNITS)								
Benz(a)anthracene	10.0		<12	<11	<11	<12	<12	<12
Benzo(a)pyrene	10.0		<12 J	<11	<11	<12	<12	<12
Benzo(b)fluoranthene	10.0		<12 J	<11	<11	<12	<12	<12
Benzo(g,h,i)perylene	10.0		<12 J	<11	<11	<12	<12	<12
Benzo(k)fluoranthene	10.0		<12 J	<11	<11	<12	<12	<12
Benzoic acid	50.0		<61 R	<57 R	<54	<58 R	<62 R	<62 R
Benzyl alcohol	20.0		<24	<23	<22	<23	<25	<25
Butyl benzyl phthalate	10.0		<12	<11	<11	<12	<12	<12
Chrysene	10.0		<12	<11	<11	<12	<12	<12
Di-n-butylphthalate	10.0		<12	<11	<11	<12	<12	<12
Di-n-octylphthalate	10.0		<12 J	<11	<11	<12	<12	<12
Dibenz(a,h)anthracene	10.0		<12 J	<11	<11	<12	<12	<12
Dibenzofuran	10.0		<12	<11	<11	<12	<12	<12
Diethylphthalate	10.0		<12	<11	<11	<12	<12	<12
Dimethylphthalate	10.0		<12	<11	<11	<12	<12	<12
Fluoranthene	10.0		<12	<11	<11	<12	<12	<12
Fluorene	10.0		<12	<11	<11	<12	<12	<12
Hexachlorobenzene	10.0		<12	<11	<11	<12	<12	<12
Hexachlorobutadiene	10.0		<12	<11	<11	<12	<12	<12
Hexachlorocyclopentadiene	10.0		<12 J	<11	<11	<12	<12	<12
Hexachloroethane	10.0		<12	<11	<11	<12	<12	<12
Indeno(1,2,3-cd)pyrene	10.0		<12 J	<11	<11	<12	<12	<12
Isophorone	10.0		<12	<11	<11	<12	<12	<12
Naphthalene	10.0		<12	<11	<11	<12	<12	<12
Nitrobenzene	10.0		<12	<11	<11	<12	<12	<12
Pentachlorophenol	30.0		<37	<34	<32	<35	<38	<37
Phenanthrene	10.0		<12	<11	<11	<12	<12	<12
Phenol	10.0		<12	<11	<11	<12	<12	<12
Pyrene	10.0		<12	<11	<11	<12	<12	<12
bis(2-Chloroethoxy)methane	10.0		<12	<11	<11	<12	<12	<12
bis(2-Chloroethyl)ether	10.0		<12	<11	<11	<12	<12	<12
bis(2-Chloroisopropyl)ether	10.0		<12	<11	<11	<12	<12	<12
bis(2-Ethylhexyl)phthalate	10.0		<12	<11	<11	<12	<12	<12
n-Nitrosodinpropylamine	10.0		<12	<11	<11	<12	<12	<12
n-Nitrosodiphenylamine	10.0		<12	<11	<11	<12	<12	<12
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			57	67	54	58	56	60
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			55	57	55	57	56	53
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			30	77	51	51	47	67
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			51	58	55	56	55	55
sur-Phenol-d6 %R 10-94 R% (10 - 94)			49	39	54	62	27	59
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			56	62	54	57	57	56

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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
METALS, TOTAL BY ICP/SW 6010 (µg/L)			
Aluminum	500		1300
Antimony	250		<250
Barium	20.0		160
Beryllium	3.00		<3.0
Cadmium	10.0		<10
Calcium	100		170000
Chromium	50.0		<50
Cobalt	50.0		<50
Copper	50.0		<50
Iron	50.0		4100
Magnesium	250		6600
Manganese	10.0		3000
Molybdenum	50.0		<50
Nickel	50.0		<50
Potassium	600		800
Silver	50.0		<50
Sodium	250		24000
Vanadium	50.0		<50
Zinc	10.0		<10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)			
Arsenic	5.00		6.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)			
Lead	5.00		<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)			
Mercury	0.500		<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)			
Selenium	5.00		<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)			
Thallium	2.00		<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)			
1,1,1-Trichloroethane	5.00		-
1,1,2,2-Tetrachloroethane	5.00		-
1,1,2-Trichloroethane	5.00		-
1,1-Dichloroethane	5.00		-
1,1-Dichloroethene	5.00		-
1,2-Dichloroethane	5.00		-
1,2-Dichloropropane	5.00		-
2-Butanone (MEK)	10.0		-
2-Chloroethyl vinyl ether	10.0		-
2-Hexanone	10.0		-
4-Methyl-2-pentanone	10.0		-
Acetone	10.0		-
Benzene	5.00		-
Bromodichloromethane	5.00		-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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
Bromoform	5.00		-
Bromomethane	10.0		-
Carbon disulfide	5.00		-
Carbon tetrachloride	5.00		-
Chlorobenzene	5.00		-
Chloroethane	10.0		-
Chloroform	5.00		-
Chloromethane	10.0		-
Dibromochloromethane	5.00		-
Ethylbenzene	5.00		-
Methylene chloride	5.00		-
Styrene	5.00		-
Tetrachloroethene	5.00		-
Toluene	5.00		-
Trichloroethene	5.00		-
Vinyl acetate	10.0		-
Vinyl chloride	10.0		-
Xylenes (total)	5.00		-
cis-1,2-Dichloroethene	5.00		-
cis-1,3-Dichloropropene	5.00		-
trans-1,2-Dichloroethene	5.00		-
trans-1,3-Dichloropropene	5.00		-
% Surrogate Recovery (Control Limit)			
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)			
1,1,1-Trichloroethane	0.500		<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50
1,1,2-Trichloroethane	1.00		<1.0
1,1-Dichloroethane	0.500		0.84
1,1-Dichloroethene	0.500		<0.50
1,2-Dichloroethane	1.00		<1.0
1,2-Dichloropropane	0.500		<0.50
2-Butanone	5.00		<5.0
2-Chloroethyl vinyl ether	5.00		<5.0
2-Hexanone	5.00		<5.0
4-Methyl-2-pentanone	5.00		<5.0
Acetone	5.00		<5.0
Benzene	0.500		1.2
Bromodichloromethane	0.500		<0.50
Bromoform	1.00		<1.0
Bromomethane	2.00		<2.0
Carbon disulfide	1.00		<1.0
Carbon tetrachloride	0.500		<0.50
Chlorobenzene	0.500		<0.50
Chloroethane	2.00		<2.0
Chloroform	0.500		<0.50
Chloromethane	2.00		<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : FT09-12C Sample Date : 12-APR-95 Notes:	
Dibromochloromethane	0.500	<0.50	
Ethylbenzene	0.500	<0.50	
Methylene chloride	2.00	2.2	JB
Styrene	0.500	<0.50	
Tetrachloroethene	0.500	0.44	JQ
Toluene	0.500	<0.50	
Trichloroethene	0.500	1.2	
Vinyl acetate	5.00	<5.0	
Vinyl chloride	2.00	5.6	
Xylenes (total)	1.00	<1.0	
cis-1,2-Dichloroethene	0.500	38	
cis-1,3-Dichloropropene	0.500	<0.50	
trans-1,2-Dichloroethene	0.500	<0.50	
trans-1,3-Dichloropropene	0.500	<0.50	
% Surrogate Recovery (Control Limit)			
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)		97	
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)		95	
sur-Toluene-d8 %R 88-110 R% (88 - 110)		99	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)			
1,2,4-Trichlorobenzene	10.0	<11	
1,2-Dichlorobenzene	10.0	<11	
1,3-Dichlorobenzene	10.0	<11	
1,4-Dichlorobenzene	10.0	<11	
2,4,5-Trichlorophenol	20.0	<22	
2,4,6-Trichlorophenol	10.0	<11	
2,4-Dichlorophenol	10.0	<11	
2,4-Dimethylphenol	10.0	<11	
2,4-Dinitrophenol	50.0	<55	
2,4-Dinitrotoluene	10.0	<11	
2,6-Dinitrotoluene	10.0	<11	
2-Chloronaphthalene	10.0	<11	
2-Chlorophenol	10.0	<11	
2-Methylnaphthalene	10.0	<11	
2-Methylphenol	10.0	<11	
2-Nitroaniline	50.0	<55	
2-Nitrophenol	10.0	<11	
3,3'-Dichlorobenzidine	20.0	<22	
3-Nitroaniline	50.0	<55	
4,6-Dinitro-2-methylphenol	50.0	<55	
4-Bromophenyl phenyl ether	10.0	<11	
4-Chloro-3-methylphenol	10.0	<11	
4-Chloroaniline	20.0	<22	
4-Chlorophenyl phenyl ether	10.0	<11	
4-Methylphenol	10.0	<11	
4-Nitroaniline	50.0	<55	
4-Nitrophenol	50.0	<55	J
Acenaphthene	10.0	<11	
Acenaphthylene	10.0	<11	
Anthracene	10.0	<11	

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : FT09-12C Sample Date : 12-APR-95 Notes:	
Benz(a)anthracene	10.0	<11	
Benzo(a)pyrene	10.0	<11	
Benzo(b)fluoranthene	10.0	<11	
Benzo(g,h,i)perylene	10.0	<11	
Benzo(k)fluoranthene	10.0	<11	
Benzoic acid	50.0	<55	R
Benzyl alcohol	20.0	<22	
Butyl benzyl phthalate	10.0	<11	
Chrysene	10.0	<11	
Di-n-butylphthalate	10.0	<11	
Di-n-octylphthalate	10.0	<11	
Dibenz(a,h)anthracene	10.0	<11	
Dibenzofuran	10.0	<11	
Diethylphthalate	10.0	<11	
Dimethylphthalate	10.0	<11	
Fluoranthene	10.0	<11	
Fluorene	10.0	<11	
Hexachlorobenzene	10.0	<11	
Hexachlorobutadiene	10.0	<11	
Hexachlorocyclopentadiene	10.0	<11	
Hexachloroethane	10.0	<11	
Indeno(1,2,3-cd)pyrene	10.0	<11	
Isophorone	10.0	<11	
Naphthalene	10.0	<11	
Nitrobenzene	10.0	<11	
Pentachlorophenol	30.0	<33	
Phenanthrene	10.0	<11	
Phenol	10.0	<11	
Pyrene	10.0	<11	
bis(2-Chloroethoxy)methane	10.0	<11	
bis(2-Chloroethyl)ether	10.0	<11	
bis(2-Chloroisopropyl)ether	10.0	<11	
bis(2-Ethylhexyl)phthalate	10.0	<11	
n-Nitrosodinpropylamine	10.0	<11	
n-Nitrosodiphenylamine	10.0	<11	
% Surrogate Recovery (Control Limit)			
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)		57	
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)		53	
sur-2-Fluorophenol %R 21-100 R% (21 - 100)		65	
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)		54	
sur-Phenol-d6 %R 10-94 R% (10 - 94)		56	
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)		58	

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

282495

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DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-02 10-APR-95	ST14-03 13-APR-95	ST14-03 13-APR-95 Reanalysis of ST14-03	ST14-04 10-APR-95	ST14-05 09-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		7300	<500	9200	-	57000	6500
Antimony	250		<250	<250	<250	-	<250	<250
Barium	20.0		250	180	180	-	710	220
Beryllium	3.00		<3.0	<3.0	<3.0	-	7.0	<3.0
Cadmium	10.0		<10	<10	<10	-	22	<10
Calcium	100		180000	230000	180000	-	1200000	230000
Chromium	50.0		<50	<50	<50	-	140	<50
Cobalt	50.0		<50	<50	<50	-	77	<50
Copper	50.0		<50	<50	<50	-	130	<50
Iron	50.0		20000	33000	14000	-	150000	8200
Magnesium	250		8500	8700	8200	-	22000	9500
Manganese	10.0		460	560	400	-	1300	1200
Molybdenum	50.0		<50	26000	<50	-	<50	<50
Nickel	50.0		<50	<50	<50	-	170	<50
Potassium	600		3900	4000	3000	-	11000	5900
Silver	50.0		<50	<50	<50	-	<50	<50
Sodium	250		20000	<250	27000	-	25000	20000
Vanadium	50.0		<50	<50	<50	-	330	<50
Zinc	10.0		36	74	55	-	420	21
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		16	<5.0	7.3	-	17	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		20	33	9.1	-	150	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	<0.50	-	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0	<5.0	-	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	<2.0	-	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-	-
Acetone	10.0		-	-	-	-	-	-
Benzene	5.00		-	-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-	-

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-01	ST14-02	ST14-03	ST14-03	ST14-04	ST14-05
		Sample Date :	10-APR-95	10-APR-95	13-APR-95	13-APR-95	10-APR-95	09-APR-95
		Notes:				Reanalysis of ST14-03		
Bromoform	5.00		-	-	-	-	-	-
Bromomethane	10.0		-	-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-	-
Chloroform	5.00		-	-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-	-
Styrene	5.00		-	-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-	-
Toluene	5.00		-	-	-	-	-	-
Trichloroethene	5.00		-	-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
1,1,2-Trichloroethane	1.00		<1.0	<1.0	-	-	<4.0	<1.0
1,1-Dichloroethane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
1,1-Dichloroethene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
1,2-Dichloroethane	1.00		<1.0	<1.0	-	-	<4.0	<1.0
1,2-Dichloropropane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
2-Butanone	5.00		<5.0	<5.0	-	-	<20	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	-	-	<20	<5.0
2-Hexanone	5.00		<5.0	<5.0	-	-	<20	<5.0
4-Methyl-2-pentanone	5.00		<5.0	<5.0	-	-	<20	<5.0
Acetone	5.00		<5.0	<5.0	-	-	<20	<5.0
Benzene	0.500		<0.50	6.3	-	-	<2.0	<0.50
Bromodichloromethane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Bromoform	1.00		<1.0	<1.0	-	-	<4.0	<1.0
Bromomethane	2.00		<2.0	<2.0	-	-	<8.0	<2.0
Carbon disulfide	1.00		<1.0	<1.0	-	-	<4.0	<1.0
Carbon tetrachloride	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Chlorobenzene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Chloroethane	2.00		<2.0	<2.0	-	-	<8.0	<2.0
Chloroform	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Chloromethane	2.00		<2.0	<2.0	-	-	<8.0	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-02 10-APR-95	ST14-03 13-APR-95	ST14-03 13-APR-95 Reanalysis of ST14-03	ST14-04 10-APR-95	ST14-05 09-APR-95
Dibromochloromethane	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Ethylbenzene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Methylene chloride	2.00		1.7 JB	3.0 JB	-	-	8.4 JB	<2.0
Styrene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Tetrachloroethene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Toluene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Trichloroethene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
Vinyl acetate	5.00		<5.0	<5.0	-	-	<20	<5.0
Vinyl chloride	2.00		<2.0	<2.0	-	-	<8.0	<2.0
Xylenes (total)	1.00		<1.0	<1.0	-	-	<4.0	<1.0
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	-	-	<2.0	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			96	98	-	-	99	94
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			93	101	-	-	108	95
sur-Toluene-d8 %R 88-110 R% (88 - 110)			102	106	-	-	103	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	<12	<10	<10	<52	<11
1,2-Dichlorobenzene	10.0		<11	<12	<10	<10	<52	<11
1,3-Dichlorobenzene	10.0		<11	<12	<10	<10	<52	<11
1,4-Dichlorobenzene	10.0		<11	<12	<10	<10	<52	<11
2,4,5-Trichlorophenol	20.0		<22	<24	<21	<21	<100	<21
2,4,6-Trichlorophenol	10.0		<11	<12	<10	<10	<52	<11
2,4-Dichlorophenol	10.0		<11	<12	<10	<10	<52	<11
2,4-Dimethylphenol	10.0		<11	<12	<10	<10	<52	<11
2,4-Dinitrophenol	50.0		<56	<59	<52	<52	<260	<53
2,4-Dinitrotoluene	10.0		<11	<12	<10	<10	<52	<11
2,6-Dinitrotoluene	10.0		<11	<12	<10	<10	<52	<11
2-Chloronaphthalene	10.0		<11	<12	<10	<10	<52	<11
2-Chlorophenol	10.0		<11	<12	<10	<10	<52	<11
2-Methylnaphthalene	10.0		<11	<12	<10	<10	23 JQ	<11
2-Methylphenol	10.0		<11	<12	<10	<10	<52	<11
2-Nitroaniline	50.0		<56	<59	<52 J	<52	<260	<53
2-Nitrophenol	10.0		<11	<12	<10	<10	<52	<11
3,3'-Dichlorobenzidine	20.0		<22	<24	<21	<21	<100	<21
3-Nitroaniline	50.0		<56	<59	<52 J	<52	<260	<53
4,6-Dinitro-2-methylphenol	50.0		<56	<59	<52	<52	<260	<53
4-Bromophenyl phenyl ether	10.0		<11	<12	<10	<10	<52	<11
4-Chloro-3-methylphenol	10.0		<11	<12	<10	<10	<52	<11
4-Chloroaniline	20.0		<22 J	<24 J	<21	<21	<100	<21
4-Chlorophenyl phenyl ether	10.0		<11	<12	<10	<10	<52	<11
4-Methylphenol	10.0		<11	<12	<10	<10	<52	<11
4-Nitroaniline	50.0		<56	<59	<52	<52	<260	<53
4-Nitrophenol	50.0		<56 J	<59 J	<52	<52	<260	<53
Acenaphthene	10.0		<11	<12	<10	<10	<52	<11
Acenaphthylene	10.0		<11	<12	<10	<10	<52	<11
Anthracene	10.0		<11	<12	<10	<10	<52	<11

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-02 10-APR-95	ST14-03 13-APR-95	ST14-03 13-APR-95 Reanalysis of ST14-03	ST14-04 10-APR-95	ST14-05 09-APR-95
Benz(a)anthracene	10.0		<11	<12	<10	<10	<52	<11
Benzo(a)pyrene	10.0		<11	<12	<10 J	<10 J	<52	<11
Benzo(b)fluoranthene	10.0		<11	<12	<10 J	<10 J	<52	<11
Benzo(g,h,i)perylene	10.0		<11	<12	<10 J	<10 J	<52	<11
Benzo(k)fluoranthene	10.0		<11	<12	<10 J	<10 J	<52	<11
Benzoic acid	50.0		<56	<59	<52 J	<52	<260 J	<53 J
Benzyl alcohol	20.0		<22	<24	<21	<21	<100	<21
Butyl benzyl phthalate	10.0		<11	<12	<10	<10	<52	<11
Chrysene	10.0		<11	<12	<10	<10	<52	<11
Di-n-butylphthalate	10.0		<11	<12	<10	<10	<52	0.93 JQ
Di-n-octylphthalate	10.0		<11	<12	<10 J	<10 J	<52	<11
Dibenz(a,h)anthracene	10.0		<11	<12	<10 J	<10 J	<52	<11
Dibenzofuran	10.0		<11	<12	<10	<10	<52	<11
Diethylphthalate	10.0		<11	<12	<10	<10	<52	<11
Dimethylphthalate	10.0		<11	<12	<10	<10	<52	<11
Fluoranthene	10.0		<11	<12	<10	<10	<52	<11
Fluorene	10.0		<11	<12	<10	<10	<52	<11
Hexachlorobenzene	10.0		<11	<12	<10	<10	<52	<11
Hexachlorobutadiene	10.0		<11	<12	<10	<10	<52	<11
Hexachlorocyclopentadiene	10.0		<11 J	<12 J	<10 J	<10 J	<52 J	<11 J
Hexachloroethane	10.0		<11	<12	<10	<10	<52	<11
Indeno(1,2,3-cd)pyrene	10.0		<11	<12	<10 J	<10 J	<52	<11
Isophorone	10.0		<11	<12	<10	<10	<52	<11
Naphthalene	10.0		<11	<12	<10	<10	7.1 JQ	<11
Nitrobenzene	10.0		<11	<12	<10	<10	<52	<11
Pentachlorophenol	30.0		<34	<35	<31	<31	<160	<32
Phenanthrene	10.0		<11	<12	<10	<10	<52	<11
Phenol	10.0		<11	<12	<10	<10	<52	<11
Pyrene	10.0		<11	<12	<10	<10	<52	<11
bis(2-Chloroethoxy)methane	10.0		<11	<12	<10	<10	<52	<11
bis(2-Chloroethyl)ether	10.0		<11	<12	<10	<10	<52	<11
bis(2-Chloroisopropyl)ether	10.0		<11	<12	<10	<10	<52	<11
bis(2-Ethylhexyl)phthalate	10.0		4.9 JQ	<12	<10	<10	<52	<11
n-Nitrosodinpropylamine	10.0		<11	<12	<10	<10	<52	<11
n-Nitrosodiphenylamine	10.0		<11	<12	<10	<10	<52	<11
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			76	81	84	83	37	62
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			73	72	79	79	58	51
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			72	63	75	73	48	52
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			70	71	73	78	48	58
sur-Phenol-d6 %R 10-94 R% (10 - 94)			53	32	76	69	39	55
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			78	74	94	92	52	57

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-07 09-APR-95	ST14-W08 10-APR-95	ST14-W09 09-APR-95	ST14-W11 10-APR-95	ST14-W13 10-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		1600	14000	43000	32000	6500	8700
Antimony	250		<250	<250	<250	<250 JL	<250	<250
Barium	20.0		190	210	280	360	140	190
Beryllium	3.00		<3.0	<3.0	4.0	3.0	<3.0	<3.0
Cadmium	10.0		<10	<10	14	12	<10	<10
Calcium	100		190000	360000	410000	560000	260000	210000
Chromium	50.0		<50	<50	74	<50	<50	<50
Cobalt	50.0		<50	<50	<50	<50	<50	<50
Copper	50.0		<50	<50	59	<50	<50	<50
Iron	50.0		1500	12000	55000	28000	5800	12000
Magnesium	250		7100	12000	15000	14000	6400	8100
Manganese	10.0		420	250	1100	520	160	230
Molybdenum	50.0		<50	<50	<50	<50	<50	<50
Nickel	50.0		<50	<50	72	<50	<50	<50
Potassium	600		4700	7400	8600	7700	3200	3000
Silver	50.0		<50	<50	<50	<50	<50	<50
Sodium	250		19000	20000	27000	17000	22000	29000
Vanadium	50.0		<50	<50	190	74	<50	<50
Zinc	10.0		11	73	890	110	440	61
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0	<5.0	5.5	<25	<5.0	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.0	9.7	52	17	<5.0	8.3
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	<0.20	<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0	<5.0	<25	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	<2.0	<10	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-	-
Acetone	10.0		-	-	-	-	-	-
Benzene	5.00		-	-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-	-

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DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-07 09-APR-95	ST14-W08 10-APR-95	ST14-W09 09-APR-95	ST14-W11 10-APR-95	ST14-W13 10-APR-95
Bromoform	5.00		-	-	-	-	-	-
Bromomethane	10.0		-	-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-	-
Chloroform	5.00		-	-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-	-
Styrene	5.00		-	-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-	-
Toluene	5.00		-	-	-	-	-	-
Trichloroethene	5.00		-	-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Butanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	0.500		<0.50	<0.50	0.70	<0.50	<0.50	<0.50
Bromodichloromethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon disulfide	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloromethane	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-07 09-APR-95	ST14-W08 10-APR-95	ST14-W09 09-APR-95	ST14-W11 10-APR-95	ST14-W13 10-APR-95
Dibromochloromethane	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	0.500		<0.50	<0.50	0.44 JQ	<0.50	<0.50	<0.50
Methylene chloride	2.00		<2.0	<2.0	2.3 JB	1.7 JB	1.4 JB	1.6 JB
Styrene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	0.500		<0.50	<0.50	0.68	0.54 JB	<0.50	<0.50
Trichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl acetate	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylenes (total)	1.00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			97	97	105	98	97	96
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			94	94	95	95	94	95
sur-Toluene-d8 %R 88-110 R% (88 - 110)			101	101	109	101	101	105
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	<12	<10	<11	<11	<13
1,2-Dichlorobenzene	10.0		<11	<12	<10	<11	<11	<13
1,3-Dichlorobenzene	10.0		<11	<12	<10	<11	<11	<13
1,4-Dichlorobenzene	10.0		<11	<12	<10	<11	<11	<13
2,4,5-Trichlorophenol	20.0		<22	<23	<21	<21	<23	<26
2,4,6-Trichlorophenol	10.0		<11	<12	<10	<11	<11	<13
2,4-Dichlorophenol	10.0		<11	<12	<10	<11	<11	<13
2,4-Dimethylphenol	10.0		<11	<12	<10	<11	<11	<13
2,4-Dinitrophenol	50.0		<54	<58	<53	<53	<57	<64
2,4-Dinitrotoluene	10.0		<11	<12	<10	<11	<11	<13
2,6-Dinitrotoluene	10.0		<11	<12	<10	<11	<11	<13
2-Chloronaphthalene	10.0		<11	<12	<10	<11	<11	<13
2-Chlorophenol	10.0		<11	<12	<10	<11	<11	<13
2-Methylnaphthalene	10.0		<11	<12	<10	<11	<11	3.4 JQ
2-Methylphenol	10.0		<11	<12	<10	<11	<11	<13
2-Nitroaniline	50.0		<54	<58	<53 J	<53	<57	<64
2-Nitrophenol	10.0		<11	<12	<10	<11	<11	<13
3,3'-Dichlorobenzidine	20.0		<22	<23	<21	<21	<23	<26
3-Nitroaniline	50.0		<54	<58	<53 J	<53	<57	<64
4,6-Dinitro-2-methylphenol	50.0		<54	<58	<53	<53	<57	<64
4-Bromophenyl phenyl ether	10.0		<11	<12	<10	<11	<11	<13
4-Chloro-3-methylphenol	10.0		<11	<12	<10	<11	<11	<13
4-Chloroaniline	20.0		<22	<23	<21	<21	<23 J	<26
4-Chlorophenyl phenyl ether	10.0		<11	<12	<10	<11	<11	<13
4-Methylphenol	10.0		<11	<12	<10	<11	<11	<13
4-Nitroaniline	50.0		<54	<58	<53 J	<53	<57	<64
4-Nitrophenol	50.0		<54	<58	<53	<53	<57 J	<64
Acenaphthene	10.0		<11	<12	<10	<11	<11	<13
Acenaphthylene	10.0		<11	<12	<10	<11	<11	<13
Anthracene	10.0		<11	<12	<10	<11	<11	<13

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DATA SUMMARY TABLE
FIRST QUARTER
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	ST14-07 09-APR-95	ST14-W08 10-APR-95	ST14-W09 09-APR-95	ST14-W11 10-APR-95	ST14-W13 10-APR-95
Benz(a)anthracene	10.0		<11	<12	<10	<11	<11	<13
Benzo(a)pyrene	10.0		<11	<12	<10	<11	<11	<13
Benzo(b)fluoranthene	10.0		<11	<12	<10	<11	<11	<13
Benzo(g,h,i)perylene	10.0		<11	<12	<10	<11	<11	<13
Benzo(k)fluoranthene	10.0		<11	<12	<10	<11	<11	<13
Benzoic acid	50.0		<54 J	<58 J	<53 J	<53 J	<57	<64 J
Benzyl alcohol	20.0		<22	<23	<21	<21	<23	<26
Butyl benzyl phthalate	10.0		<11	<12	<10	<11	<11	<13
Chrysene	10.0		<11	<12	<10	<11	<11	<13
Di-n-butylphthalate	10.0		<11	<12	0.58 JQ	<11	<11	<13
Di-n-octylphthalate	10.0		<11	<12	<10	<11	<11	<13
Dibenz(a,h)anthracene	10.0		<11	<12	<10	<11	<11	<13
Dibenzofuran	10.0		<11	<12	<10	<11	<11	<13
Diethylphthalate	10.0		<11	<12	<10	<11	<11	<13
Dimethylphthalate	10.0		<11	<12	<10	<11	<11	<13
Fluoranthene	10.0		<11	<12	<10	<11	<11	<13
Fluorene	10.0		<11	<12	<10	<11	<11	<13
Hexachlorobenzene	10.0		<11	<12	<10	<11	<11	<13
Hexachlorobutadiene	10.0		<11	<12	<10	<11	<11	<13
Hexachlorocyclopentadiene	10.0		<11 J	<12 J	<10	<11 J	<11 J	<13 J
Hexachloroethane	10.0		<11	<12	<10	<11	<11	<13
Indeno(1,2,3-cd)pyrene	10.0		<11	<12	<10	<11	<11	<13
Isophorone	10.0		<11	<12	<10	<11	<11	<13
Naphthalene	10.0		<11	<12	0.72 JQ	<11	<11	4.5 JQ
Nitrobenzene	10.0		<11	<12	<10	<11	<11	<13
Pentachlorophenol	30.0		<33	<35	<32	<32	<34	<38
Phenanthrene	10.0		<11	<12	<10	<11	<11	<13
Phenol	10.0		<11	<12	<10	<11	<11	<13
Pyrene	10.0		<11	<12	<10	<11	<11	<13
bis(2-Chloroethoxy)methane	10.0		<11	<12	<10	<11	<11	<13
bis(2-Chloroethyl)ether	10.0		<11	<12	<10	<11	<11	<13
bis(2-Chloroisopropyl)ether	10.0		<11	<12	<10	<11	<11	<13
bis(2-Ethylhexyl)phthalate	10.0		<11	<12	<10	<11	<11	<13
n-Nitrosodinpropylamine	10.0		<11	<12	<10	<11	<11	<13
n-Nitrosodiphenylamine	10.0		<11	<12	<10	<11	<11	<13
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			76	62	76	83	67	83
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			73	53	67	67	68	72
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			75	54	75	80	69	87
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			73	60	68	70	66	71
sur-Phenol-d6 %R 10-94 R% (10 - 94)			61	56	57	66	34	56
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			73	61	67	76	67	72

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-6 / 11-APR-95 / Duplicate of ST14-W16	ST14-W16 / 11-APR-95	ST14-W19 / 11-APR-95	FDUP-3 / 11-APR-95 / Duplicate of ST14-W20	ST14-W20 / 11-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		18000	500	670	17000	17000 J	12000 J
Antimony	250		<250	<250	<250	<250	<250	<250
Barium	20.0		290	130	130	290	280	280
Beryllium	3.00		<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Cadmium	10.0		<10	<10	<10	<10	<10	<10
Calcium	100		210000	140000	140000	280000	380000	360000
Chromium	50.0		<50	<50	<50	<50	<50	<50
Cobalt	50.0		<50	<50	<50	<50	<50	<50
Copper	50.0		<50	<50	<50	56	<50	<50
Iron	50.0		51000	12000	12000	35000	42000	38000
Magnesium	250		11000	6700	6800	9200	9700	9000
Manganese	10.0		540	330	310	350 J	650	640
Molybdenum	50.0		<50	<50	<50	<50	<50	<50
Nickel	50.0		65	<50	<50	<50	<50	<50
Potassium	600		6400	1900	2300	4900	4400	3300
Silver	50.0		<50	<50	<50	<50	<50	<50
Sodium	250		18000	25000	26000	25000	20000	20000
Vanadium	50.0		130	<50	<50	93	68	56
Zinc	10.0		120	<10	11	150	97	86
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0	29	22	<25	18	18
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		24	9.5	8.8	67 J	<5.0	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0	<5.0	<25	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	10.0		-	<10	<10	<10	<10	<10
2-Chloroethyl vinyl ether	10.0		-	<10	<10	<10	<10	<10
2-Hexanone	10.0		-	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	10.0		-	<10	<10	<10	<10	<10
Acetone	10.0		-	<10	<10	<10	<10	<10
Benzene	5.00		-	78	91	36	90	98
Bromodichloromethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-6 / 11-APR-95 / Duplicate of ST14-W16	ST14-W16 / 11-APR-95	ST14-W19 / 11-APR-95	FDUP-3 / 11-APR-95 / Duplicate of ST14-W20	ST14-W20 / 11-APR-95
Bromoform	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	10.0		-	<10	<10	<10	<10	<10
Carbon disulfide	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	10.0		-	<10	<10	<10	<10	<10
Chloroform	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	10.0		-	<10	<10	<10	<10	<10
Dibromochloromethane	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5.00		-	1.6 JQ	2.7 JQ	14	<5.0	<5.0
Methylene chloride	5.00		-	13 JB	11 JB	17 JB	8.3 JB	13 JB
Styrene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	5.00		-	0.81 JQ	0.85 JQ	1.5 JQ	0.49 JQ	0.49 JQ
Trichloroethene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	10.0		-	<10	<10	<10	<10	<10
Vinyl chloride	10.0		-	<10	<10	<10	<10	<10
Xylenes (total)	5.00		-	<5.0	<5.0	5.5	<5.0	<5.0
cis-1,2-Dichloroethene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	5.00		-	<5.0	<5.0	<5.0	<5.0	<5.0
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	91	91	93	93	92
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	88	97	93	105	99
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	101	102	107	103	103
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<0.50	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	-	-	-	-
1,1,2-Trichloroethane	1.00		<1.0	-	-	-	-	-
1,1-Dichloroethane	0.500		<0.50	-	-	-	-	-
1,1-Dichloroethene	0.500		<0.50	-	-	-	-	-
1,2-Dichloroethane	1.00		<1.0	-	-	-	-	-
1,2-Dichloropropane	0.500		<0.50	-	-	-	-	-
2-Butanone	5.00		<5.0	-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		<5.0	-	-	-	-	-
2-Hexanone	5.00		<5.0	-	-	-	-	-
4-Methyl-2-pentanone	5.00		<5.0	-	-	-	-	-
Acetone	5.00		<5.0	-	-	-	-	-
Benzene	0.500		<0.50	-	-	-	-	-
Bromodichloromethane	0.500		<0.50	-	-	-	-	-
Bromoform	1.00		<1.0	-	-	-	-	-
Bromomethane	2.00		<2.0	-	-	-	-	-
Carbon disulfide	1.00		<1.0	-	-	-	-	-
Carbon tetrachloride	0.500		<0.50	-	-	-	-	-
Chlorobenzene	0.500		<0.50	-	-	-	-	-
Chloroethane	2.00		<2.0	-	-	-	-	-
Chloroform	0.500		<0.50	-	-	-	-	-
Chloromethane	2.00		<2.0	-	-	-	-	-

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-6 11-APR-95 Duplicate of ST14-W16	ST14-W16 11-APR-95	ST14-W19 11-APR-95	FDUP-3 11-APR-95 Duplicate of ST14-W20	ST14-W20 11-APR-95
Dibromochloromethane	0.500		<0.50	-	-	-	-	-
Ethylbenzene	0.500		<0.50	-	-	-	-	-
Methylene chloride	2.00		<2.0	-	-	-	-	-
Styrene	0.500		<0.50	-	-	-	-	-
Tetrachloroethene	0.500		<0.50	-	-	-	-	-
Toluene	0.500		<0.50	-	-	-	-	-
Trichloroethene	0.500		<0.50	-	-	-	-	-
Vinyl acetate	5.00		<5.0	-	-	-	-	-
Vinyl chloride	2.00		<2.0	-	-	-	-	-
Xylenes (total)	1.00		<1.0	-	-	-	-	-
cis-1,2-Dichloroethene	0.500		<0.50	-	-	-	-	-
cis-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-
trans-1,2-Dichloroethene	0.500		<0.50	-	-	-	-	-
trans-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			99	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			98	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			102	-	-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<10	<12	<11	<12	<11	<11
1,2-Dichlorobenzene	10.0		<10	<12	<11	<12	<11	<11
1,3-Dichlorobenzene	10.0		<10	<12	<11	<12	<11	<11
1,4-Dichlorobenzene	10.0		<10	<12	<11	<12	<11	<11
2,4,5-Trichlorophenol	20.0		<21	<24	<23	<24	<22	<23
2,4,6-Trichlorophenol	10.0		<10	<12	<11	<12	<11	<11
2,4-Dichlorophenol	10.0		<10	<12	<11	<12	<11	<11
2,4-Dimethylphenol	10.0		<10	<12	<11	<12	<11	<11
2,4-Dinitrophenol	50.0		<53	<60	<57	<61	<56	<57
2,4-Dinitrotoluene	10.0		<10	<12	<11	<12	<11	<11
2,6-Dinitrotoluene	10.0		<10	<12	<11	<12	<11	<11
2-Chloronaphthalene	10.0		<10	<12	<11	<12	<11	<11
2-Chlorophenol	10.0		<10	<12	<11	<12	<11	<11
2-Methylnaphthalene	10.0		<10	2.2 JQ	1.9 JQ	11 JQ	2.0 JQ	4.4 JQ
2-Methylphenol	10.0		<10	<12	<11	<12	<11	<11
2-Nitroaniline	50.0		<53	<60	<57	<61	<56	<57
2-Nitrophenol	10.0		<10	<12	<11	<12	<11	<11
3,3'-Dichlorobenzidine	20.0		<21	<24	<23	<24	<22	<23
3-Nitroaniline	50.0		<53	<60	<57	<61	<56	<57
4,6-Dinitro-2-methylphenol	50.0		<53	<60	<57	<61	<56	<57
4-Bromophenyl phenyl ether	10.0		<10	<12	<11	<12	<11	<11
4-Chloro-3-methylphenol	10.0		<10	<12	<11	<12	<11	<11
4-Chloroaniline	20.0		<21	<24	<23	<24 J	<22	<23
4-Chlorophenyl phenyl ether	10.0		<10	<12	<11	<12	<11	<11
4-Methylphenol	10.0		<10	<12	<11	<12	<11	<11
4-Nitroaniline	50.0		<53	<60	<57	<61	<56	<57
4-Nitrophenol	50.0		<53	<60	<57	<61	<56	<57
Acenaphthene	10.0		<10	<12	<11	1.8 JQ	<11	<11
Acenaphthylene	10.0		<10	<12	<11	0.56 JQ	<11	<11
Anthracene	10.0		<10	<12	<11	<12	<11	<11

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W15	FDUP-6	ST14-W16	ST14-W19	FDUP-3	ST14-W20
		Sample Date :	10-APR-95	11-APR-95	11-APR-95	11-APR-95	11-APR-95	11-APR-95
		Notes:		Duplicate of ST14-W16			Duplicate of ST14-W20	
Benz(a)anthracene	10.0		<10	<12	<11	<12	<11	<11
Benzo(a)pyrene	10.0		<10	<12	<11	0.86 JQ	<11	<11
Benzo(b)fluoranthene	10.0		<10	<12	<11	<12	<11	<11
Benzo(g,h,i)perylene	10.0		<10	<12	<11	<12	<11	<11
Benzo(k)fluoranthene	10.0		<10	<12	<11	<12	<11	<11
Benzoic acid	50.0		<53 J	<60 R	<57 R	<61 R	<56 R	<57 R
Benzyl alcohol	20.0		<21	<24	<23	<24	<22	<23
Butyl benzyl phthalate	10.0		<10	<12	<11	1.6 JQ	<11	<11
Chrysene	10.0		<10	<12	<11	1.8 JQ	<11	<11
Di-n-butylphthalate	10.0		<10	<12	<11	1.3 JQ	1.3 JQ	1.6 JQ
Di-n-octylphthalate	10.0		<10	<12	<11	<12	<11	<11
Dibenz(a,h)anthracene	10.0		<10	<12	<11	<12	<11	<11
Dibenzofuran	10.0		<10	<12	<11	1.0 JQ	<11	<11
Diethylphthalate	10.0		<10	<12	<11	<12	<11	<11
Dimethylphthalate	10.0		<10	<12	<11	<12	<11	<11
Fluoranthene	10.0		<10	<12	<11	<12	<11	<11
Fluorene	10.0		<10	<12	<11	<12	<11	<11
Hexachlorobenzene	10.0		<10	<12	<11	<12	<11	<11
Hexachlorobutadiene	10.0		<10	<12	<11	<12	<11	<11
Hexachlorocyclopentadiene	10.0		<10 J	<12 J	<11 J	<12	<11 J	<11 J
Hexachloroethane	10.0		<10	<12	<11	<12	<11	<11
Indeno(1,2,3-cd)pyrene	10.0		<10	<12	<11	<12	<11	<11
Isophorone	10.0		<10	<12	<11	<12	<11	<11
Naphthalene	10.0		<10	11 JQ	9.8 JQ	18	6.2 JQ	7.4 JQ
Nitrobenzene	10.0		<10	<12	<11	<12	<11	<11
Pentachlorophenol	30.0		<32	<36	<34	<37	<33	<34
Phenanthrene	10.0		<10	<12	<11	<12	<11	<11
Phenol	10.0		<10	<12	<11	<12	<11	<11
Pyrene	10.0		<10	<12	<11	1.4 JQ	<11	<11
bis(2-Chloroethoxy)methane	10.0		<10	<12	<11	<12	<11	<11
bis(2-Chloroethyl)ether	10.0		<10	<12	<11	<12	<11	<11
bis(2-Chloroisopropyl)ether	10.0		<10	<12	<11	<12	<11	<11
bis(2-Ethylhexyl)phthalate	10.0		<10	12	7.5 JQ	<12	<11	<11
n-Nitrosodinpropylamine	10.0		<10	<12	<11	<12	<11	<11
n-Nitrosodiphenylamine	10.0		<10	<12	<11	<12	<11	<11
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			79	87	82	81	87	92
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			72	74	70	67	77	80
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			72	62	63	55	46	56
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			70	65	66	65	70	75
sur-Phenol-d6 %R 10-94 R% (10 - 94)			73	70	68	37	23	36
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			73	81	76	73	78	85

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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-W22 / 08-APR-95	ST14-W23 / 10-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)					
Aluminum	500		9000	4700	4100
Antimony	250		<250	<250	<250
Barium	20.0		250	140	110
Beryllium	3.00		<3.0	<3.0	<3.0
Cadmium	10.0		<10	<10	<10
Calcium	100		330000	210000	170000
Chromium	50.0		<50	<50	<50
Cobalt	50.0		<50	<50	<50
Copper	50.0		<50	<50	<50
Iron	50.0		42000	13000	4100
Magnesium	250		8200	9800	4700
Manganese	10.0		950	210	140
Molybdenum	50.0		<50	<50	<50
Nickel	50.0		<50	<50	<50
Potassium	600		2500	3300	2000
Silver	50.0		<50	<50	<50
Sodium	250		11000	20000	15000
Vanadium	50.0		51	<50	<50
Zinc	10.0		73	46	87
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)					
Arsenic	5.00		20	<5.0	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)					
Lead	5.00		20	7.3	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)					
Mercury	0.500		<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)					
Selenium	5.00		<5.0	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)					
Thallium	2.00		<2.0	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)					
1,1,1-Trichloroethane	5.00		-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-
1,1,2-Trichloroethane	5.00		-	-	-
1,1-Dichloroethane	5.00		-	-	-
1,1-Dichloroethene	5.00		-	-	-
1,2-Dichloroethane	5.00		-	-	-
1,2-Dichloropropane	5.00		-	-	-
2-Butanone (MEK)	10.0		-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-
2-Hexanone	10.0		-	-	-
4-Methyl-2-pentanone	10.0		-	-	-
Acetone	10.0		-	-	-
Benzene	5.00		-	-	-
Bromodichloromethane	5.00		-	-	-

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DATA SUMMARY TABLE
FIRST QUARTER
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-W22 08-APR-95	ST14-W23 10-APR-95
Bromoform	5.00		-	-	-
Bromomethane	10.0		-	-	-
Carbon disulfide	5.00		-	-	-
Carbon tetrachloride	5.00		-	-	-
Chlorobenzene	5.00		-	-	-
Chloroethane	10.0		-	-	-
Chloroform	5.00		-	-	-
Chloromethane	10.0		-	-	-
Dibromochloromethane	5.00		-	-	-
Ethylbenzene	5.00		-	-	-
Methylene chloride	5.00		-	-	-
Styrene	5.00		-	-	-
Tetrachloroethene	5.00		-	-	-
Toluene	5.00		-	-	-
Trichloroethene	5.00		-	-	-
Vinyl acetate	10.0		-	-	-
Vinyl chloride	10.0		-	-	-
Xylenes (total)	5.00		-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)					
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.0
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.50
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.50
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.0
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.50
2-Butanone	5.00		<5.0	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.0
2-Hexanone	5.00		<5.0	<5.0	<5.0
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.0
Acetone	5.00		<5.0	<5.0	<5.0
Benzene	0.500		<0.50	<0.50	<0.50
Bromodichloromethane	0.500		<0.50	<0.50	<0.50
Bromoform	1.00		<1.0	<1.0	<1.0
Bromomethane	2.00		<2.0	<2.0	<2.0
Carbon disulfide	1.00		<1.0	<1.0	<1.0
Carbon tetrachloride	0.500		<0.50	<0.50	<0.50
Chlorobenzene	0.500		<0.50	<0.50	<0.50
Chloroethane	2.00		<2.0	<2.0	<2.0
Chloroform	0.500		<0.50	<0.50	<0.50
Chloromethane	2.00		<2.0	<2.0	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
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-W22 08-APR-95	ST14-W23 10-APR-95
Dibromochloromethane	0.500		<0.50	<0.50	<0.50
Ethylbenzene	0.500		<0.50	<0.50	<0.50
Methylene chloride	2.00		<2.0	2.4 JB	1.5 JB
Styrene	0.500		<0.50	<0.50	<0.50
Tetrachloroethene	0.500		<0.50	1.3	<0.50
Toluene	0.500		1.2 JB	<0.50	<0.50
Trichloroethene	0.500		<0.50	<0.50	<0.50
Vinyl acetate	5.00		<5.0	<5.0	<5.0
Vinyl chloride	2.00		<2.0	<2.0	<2.0
Xylenes (total)	1.00		<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			107	95	93
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			97	93	96
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	100	101
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)					
1,2,4-Trichlorobenzene	10.0		<10	<10	<11
1,2-Dichlorobenzene	10.0		<10	<10	<11
1,3-Dichlorobenzene	10.0		<10	<10	<11
1,4-Dichlorobenzene	10.0		<10	<10	<11
2,4,5-Trichlorophenol	20.0		<20	<20	<22
2,4,6-Trichlorophenol	10.0		<10	<10	<11
2,4-Dichlorophenol	10.0		<10	<10	<11
2,4-Dimethylphenol	10.0		<10	<10	<11
2,4-Dinitrophenol	50.0		<51	<51	<56
2,4-Dinitrotoluene	10.0		<10	<10	<11
2,6-Dinitrotoluene	10.0		<10	<10	<11
2-Chloronaphthalene	10.0		<10	<10	<11
2-Chlorophenol	10.0		<10	<10	<11
2-Methylnaphthalene	10.0		<10	<10	<11
2-Methylphenol	10.0		<10	<10	<11
2-Nitroaniline	50.0		<51	<51 J	<56
2-Nitrophenol	10.0		<10	<10	<11
3,3'-Dichlorobenzidine	20.0		<20	<20	<22
3-Nitroaniline	50.0		<51	<51 J	<56
4,6-Dinitro-2-methylphenol	50.0		<51	<51	<56
4-Bromophenyl phenyl ether	10.0		<10	<10	<11
4-Chloro-3-methylphenol	10.0		<10	<10	<11
4-Chloroaniline	20.0		<20	<20	<22
4-Chlorophenyl phenyl ether	10.0		<10	<10	<11
4-Methylphenol	10.0		<10	<10	<11
4-Nitroaniline	50.0		<51	<51 J	<56
4-Nitrophenol	50.0		<51	<51	<56
Acenaphthene	10.0		<10	<10	<11
Acenaphthylene	10.0		<10	<10	<11
Anthracene	10.0		<10	<10	<11

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DATA SUMMARY TABLE
FIRST QUARTER
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-W22 / 08-APR-95	ST14-W23 / 10-APR-95
Benz(a)anthracene	10.0		<10	<10	<11
Benzo(a)pyrene	10.0		<10	<10	<11
Benzo(b)fluoranthene	10.0		<10	<10	<11
Benzo(g,h,i)perylene	10.0		<10	<10	<11
Benzo(k)fluoranthene	10.0		<10	<10	<11
Benzoic acid	50.0		<51 J	<51	<56 J
Benzyl alcohol	20.0		<20	<20	<22
Butyl benzyl phthalate	10.0		<10	<10	<11
Chrysene	10.0		<10	<10	<11
Di-n-butylphthalate	10.0		<10	<10	<11
Di-n-octylphthalate	10.0		<10	<10	<11
Dibenz(a,h)anthracene	10.0		<10	<10	<11
Dibenzofuran	10.0		<10	<10	<11
Diethylphthalate	10.0		<10	<10	<11
Dimethylphthalate	10.0		<10	<10	<11
Fluoranthene	10.0		<10	<10	<11
Fluorene	10.0		<10	<10	<11
Hexachlorobenzene	10.0		<10	<10	<11
Hexachlorobutadiene	10.0		<10	<10	<11
Hexachlorocyclopentadiene	10.0		<10 J	<10	<11 J
Hexachloroethane	10.0		<10	<10	<11
Indeno(1,2,3-cd)pyrene	10.0		<10	<10	<11
Isophorone	10.0		<10	<10	<11
Naphthalene	10.0		<10	<10	<11
Nitrobenzene	10.0		<10	<10	<11
Pentachlorophenol	30.0		<31	<31	<33
Phenanthrene	10.0		<10	<10	<11
Phenol	10.0		<10	<10	<11
Pyrene	10.0		<10	<10	<11
bis(2-Chloroethoxy)methane	10.0		<10	<10	<11
bis(2-Chloroethyl)ether	10.0		<10	<10	<11
bis(2-Chloroisopropyl)ether	10.0		<10	<10	<11
bis(2-Ethylhexyl)phthalate	10.0		<10	4.7 JQ	5.6 JQ
n-Nitrosodinpropylamine	10.0		<10	<10	<11
n-Nitrosodiphenylamine	10.0		<10	<10	<11
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			72	84	62
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			67	77	57
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			71	89	53
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			83	71	58
sur-Phenol-d6 %R 10-94 R% (10 - 94)			48	74	55
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			71	75	61

Data Qualification Flags/Notes:
J = Estimated quantitation 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
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	BSSA	BSSA	FDUP-2	BSSB	BSSB	MW-5
		Sample Date :	08-APR-95	13-APR-95	08-APR-95	08-APR-95	13-APR-95	08-APR-95
		Notes:			Duplicate of BSSB			
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		-	3100 JB	-	-	1200 JB	-
Antimony	250		-	<250	-	-	<250	-
Barium	20.0		-	160	-	-	160	-
Beryllium	3.00		-	<3.0	-	-	<3.0	-
Cadmium	10.0		-	<10	-	-	<10	-
Calcium	100		-	150000	-	-	160000	-
Chromium	50.0		-	<50	-	-	<50	-
Cobalt	50.0		-	<50	-	-	<50	-
Copper	50.0		-	<50	-	-	<50	-
Iron	50.0		-	6500	-	-	34000	-
Magnesium	250		-	5800	-	-	12000	-
Manganese	10.0		-	480	-	-	560	-
Molybdenum	50.0		-	<50	-	-	<50	-
Nickel	50.0		-	<50	-	-	<50	-
Potassium	600		-	1800	-	-	1000	-
Silver	50.0		-	<50	-	-	<50	-
Sodium	250		-	48000	-	-	71000	-
Vanadium	50.0		-	<50	-	-	<50	-
Zinc	10.0		-	200	-	-	13	-
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		-	<5.0	-	-	42	-
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		-	<5.0	-	-	9.3	-
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		-	<0.50	-	-	<0.50	-
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		-	<5.0	-	-	<5.0	-
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		-	<2.0	-	-	<2.0	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	<1000	<1000	-	<10
1,1,2,2-Tetrachloroethane	5.00		-	-	<1000	<1000	-	<10
1,1,2-Trichloroethane	5.00		-	-	<1000	<1000	-	<10
1,1-Dichloroethane	5.00		-	-	<1000	<1000	-	<10
1,1-Dichloroethene	5.00		-	-	<1000	<1000	-	<10
1,2-Dichloroethane	5.00		-	-	<1000	<1000	-	<10
1,2-Dichloropropane	5.00		-	-	<1000	<1000	-	<10
2-Butanone (MEK)	10.0		-	-	<2000	<2000	-	<20
2-Chloroethyl vinyl ether	10.0		-	-	<2000	<2000	-	<20
2-Hexanone	10.0		-	-	<2000	<2000	-	<20
4-Methyl-2-pentanone	10.0		-	-	<2000	<2000	-	<20
Acetone	10.0		-	-	<2000	<2000	-	<20
Benzene	5.00		-	-	3400 J	80 J	-	180
Bromodichloromethane	5.00		-	-	<1000	<1000	-	<10

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 08-APR-95	BSSB 13-APR-95	MW-5 08-APR-95
Bromoform	5.00		-	-	<1000	<1000	-	<10
Bromomethane	10.0		-	-	<2000	<2000	-	<20
Carbon disulfide	5.00		-	-	<1000	<1000	-	<10
Carbon tetrachloride	5.00		-	-	<1000	<1000	-	<10
Chlorobenzene	5.00		-	-	<1000	<1000	-	<10
Chloroethane	10.0		-	-	<2000	<2000	-	<20
Chloroform	5.00		-	-	<1000	<1000	-	<10
Chloromethane	10.0		-	-	<2000	<2000	-	<20
Dibromochloromethane	5.00		-	-	<1000	<1000	-	<10
Ethylbenzene	5.00		-	-	2000	1700	-	240
Methylene chloride	5.00		-	-	<1000	<1000	-	13 JB
Styrene	5.00		-	-	<1000	<1000	-	<10
Tetrachloroethene	5.00		-	-	<1000	<1000	-	<10
Toluene	5.00		-	-	21000	20000	-	38
Trichloroethene	5.00		-	-	<1000	<1000	-	<10
Vinyl acetate	10.0		-	-	<2000	<2000	-	<20
Vinyl chloride	10.0		-	-	<2000	<2000	-	<20
Xylenes (total)	5.00		-	-	11000	9300	-	73
cis-1,2-Dichloroethene	5.00		-	-	<1000	<1000	-	<10
cis-1,3-Dichloropropene	5.00		-	-	<1000	<1000	-	<10
trans-1,2-Dichloroethene	5.00		-	-	<1000	<1000	-	<10
trans-1,3-Dichloropropene	5.00		-	-	<1000	<1000	-	<10
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	92	94	-	92
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	103	99	-	100
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	103	102	-	103
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		<0.50	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	-	-	-	-
1,1,2-Trichloroethane	1.00		<1.0	-	-	-	-	-
1,1-Dichloroethane	0.500		<0.50	-	-	-	-	-
1,1-Dichloroethene	0.500		<0.50	-	-	-	-	-
1,2-Dichloroethane	1.00		<1.0	-	-	-	-	-
1,2-Dichloropropane	0.500		<0.50	-	-	-	-	-
2-Butanone	5.00		<5.0	-	-	-	-	-
2-Chloroethyl vinyl ether	5.00		<5.0	-	-	-	-	-
2-Hexanone	5.00		<5.0	-	-	-	-	-
4-Methyl-2-pentanone	5.00		<5.0	-	-	-	-	-
Acetone	5.00		<5.0	-	-	-	-	-
Benzene	0.500		<0.50	-	-	-	-	-
Bromodichloromethane	0.500		<0.50	-	-	-	-	-
Bromoform	1.00		<1.0	-	-	-	-	-
Bromomethane	2.00		<2.0	-	-	-	-	-
Carbon disulfide	1.00		<1.0	-	-	-	-	-
Carbon tetrachloride	0.500		<0.50	-	-	-	-	-
Chlorobenzene	0.500		<0.50	-	-	-	-	-
Chloroethane	2.00		<2.0	-	-	-	-	-
Chloroform	0.500		<0.50	-	-	-	-	-
Chloromethane	2.00		<2.0	-	-	-	-	-

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 08-APR-95	BSSB 13-APR-95	MW-5 08-APR-95
Dibromochloromethane	0.500		<0.50	-	-	-	-	-
Ethylbenzene	0.500		<0.50	-	-	-	-	-
Methylene chloride	2.00		2.2	-	-	-	-	-
Styrene	0.500		<0.50	-	-	-	-	-
Tetrachloroethene	0.500		<0.50	-	-	-	-	-
Toluene	0.500		<0.50	-	-	-	-	-
Trichloroethene	0.500		<0.50	-	-	-	-	-
Vinyl acetate	5.00		<5.0	-	-	-	-	-
Vinyl chloride	2.00		<2.0	-	-	-	-	-
Xylenes (total)	1.00		<1.0	-	-	-	-	-
cis-1,2-Dichloroethene	0.500		0.44 JQ	-	-	-	-	-
cis-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-
trans-1,2-Dichloroethene	0.500		<0.50	-	-	-	-	-
trans-1,3-Dichloropropene	0.500		<0.50	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			94	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			93	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			99	-	-	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		-	<10	-	-	<110	-
1,2-Dichlorobenzene	10.0		-	<10	-	-	<110	-
1,3-Dichlorobenzene	10.0		-	<10	-	-	<110	-
1,4-Dichlorobenzene	10.0		-	<10	-	-	<110	-
2,4,5-Trichlorophenol	20.0		-	<21	-	-	<220	-
2,4,6-Trichlorophenol	10.0		-	<10	-	-	<110	-
2,4-Dichlorophenol	10.0		-	<10	-	-	<110	-
2,4-Dimethylphenol	10.0		-	<10	-	-	74 JQ	-
2,4-Dinitrophenol	50.0		-	<53	-	-	<560	-
2,4-Dinitrotoluene	10.0		-	<10	-	-	<110	-
2,6-Dinitrotoluene	10.0		-	<10	-	-	<110	-
2-Chloronaphthalene	10.0		-	<10	-	-	<110	-
2-Chlorophenol	10.0		-	<10	-	-	<110	-
2-Methylnaphthalene	10.0		-	<10	-	-	110	-
2-Methylphenol	10.0		-	<10	-	-	40 JQ	-
2-Nitroaniline	50.0		-	<53	-	-	<560 J	-
2-Nitrophenol	10.0		-	<10	-	-	<110	-
3,3'-Dichlorobenzidine	20.0		-	<21	-	-	<220	-
3-Nitroaniline	50.0		-	<53	-	-	<560 J	-
4,6-Dinitro-2-methylphenol	50.0		-	<53	-	-	<560	-
4-Bromophenyl phenyl ether	10.0		-	<10	-	-	<110	-
4-Chloro-3-methylphenol	10.0		-	<10	-	-	<110	-
4-Chloroaniline	20.0		-	<21	-	-	<220 J	-
4-Chlorophenyl phenyl ether	10.0		-	<10	-	-	<110	-
4-Methylphenol	10.0		-	<10	-	-	55 JQ	-
4-Nitroaniline	50.0		-	<53	-	-	<560 J	-
4-Nitrophenol	50.0		-	<53	-	-	<560 J	-
Acenaphthene	10.0		-	<10	-	-	<110	-
Acenaphthylene	10.0		-	<10	-	-	<110	-
Anthracene	10.0		-	<10	-	-	<110	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	FDUP-2 08-APR-95 Duplicate of BSSB	BSSB 08-APR-95	BSSB 13-APR-95	MW-5 08-APR-95
Benz(a)anthracene	10.0		-	<10	-	-	<110	-
Benzo(a)pyrene	10.0		-	<10	-	-	<110	-
Benzo(b)fluoranthene	10.0		-	<10	-	-	<110	-
Benzo(g,h,i)perylene	10.0		-	<10	-	-	<110	-
Benzo(k)fluoranthene	10.0		-	<10	-	-	<110	-
Benzoic acid	50.0		-	<53	-	-	<560	-
Benzyl alcohol	20.0		-	<21	-	-	<220	-
Butyl benzyl phthalate	10.0		-	<10	-	-	<110	-
Chrysene	10.0		-	<10	-	-	<110	-
Di-n-butylphthalate	10.0		-	1.4	-	-	<110	-
Di-n-octylphthalate	10.0		-	<10	-	-	<110	-
Dibenz(a,h)anthracene	10.0		-	<10	-	-	<110	-
Dibenzofuran	10.0		-	<10	-	-	<110	-
Diethylphthalate	10.0		-	<10	-	-	<110	-
Dimethylphthalate	10.0		-	<10	-	-	<110	-
Fluoranthene	10.0		-	<10	-	-	<110	-
Fluorene	10.0		-	<10	-	-	<110	-
Hexachlorobenzene	10.0		-	<10	-	-	<110	-
Hexachlorobutadiene	10.0		-	<10	-	-	<110	-
Hexachlorocyclopentadiene	10.0		-	<10	-	-	<110	-
Hexachloroethane	10.0		-	<10	-	-	<110	-
Indeno(1,2,3-cd)pyrene	10.0		-	<10	-	-	<110	-
Isophorone	10.0		-	<10	-	-	<110	-
Naphthalene	10.0		-	<10	-	-	390	-
Nitrobenzene	10.0		-	<10	-	-	<110	-
Pentachlorophenol	30.0		-	<32	-	-	<330	-
Phenanthrene	10.0		-	<10	-	-	<110	-
Phenol	10.0		-	<10	-	-	<110	-
Pyrene	10.0		-	<10	-	-	<110	-
bis(2-Chloroethoxy)methane	10.0		-	<10	-	-	<110	-
bis(2-Chloroethyl)ether	10.0		-	<10	-	-	<110	-
bis(2-Chloroisopropyl)ether	10.0		-	<10	-	-	<110	-
bis(2-Ethylhexyl)phthalate	10.0		-	<10	-	-	<110	-
n-Nitrosodinpropylamine	10.0		-	<10	-	-	<110	-
n-Nitrosodiphenylamine	10.0		-	<10	-	-	<110	-
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			-	79	-	-	41	-
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			-	74	-	-	43	-
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			-	68	-	-	40	-
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			-	71	-	-	30	-
sur-Phenol-d6 %R 10-94 R% (10 - 94)			-	46	-	-	23	-
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			-	75	-	-	53	-

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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 13-APR-95	MW-7 08-APR-95	MW-7 13-APR-95	MW-8 07-APR-95	MW-8 07-APR-95 Reanalysis of MW-8	MW-9 07-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		23000	-	<500	2100	-	990
Antimony	250		<250	-	<250	<250	-	<250
Barium	20.0		92	-	88	180	-	160
Beryllium	3.00		<3.0	-	<3.0	<3.0	-	<3.0
Cadmium	10.0		<10	-	<10	<10	-	<10
Calcium	100		120000	-	140000	130000	-	190000
Chromium	50.0		<50	-	<50	<50	-	<50
Cobalt	50.0		<50	-	<50	<50	-	<50
Copper	50.0		<50	-	<50	<50	-	<50
Iron	50.0		7500	-	140	2700	-	4400
Magnesium	250		4500	-	18000	8600	-	13000
Manganese	10.0		320	-	62	1900	-	3700
Molybdenum	50.0		<50	-	<50	<50	-	<50
Nickel	50.0		<50	-	<50	<50	-	<50
Potassium	600		6300	-	1200	820	-	640
Silver	50.0		<50	-	<50	<50	-	<50
Sodium	250		9900	-	72000	43000	-	90000
Vanadium	50.0		<50	-	<50	<50	-	<50
Zinc	10.0		54	-	<10	14	-	<10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		20	-	<5.0	5.3	-	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		12	-	<5.0	<5.0	-	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	-	<0.50	<0.50	-	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	-	<5.0	<5.0	-	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	-	<2.0	<2.0	-	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-	-
Acetone	10.0		-	-	-	-	-	-
Benzene	5.00		-	-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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 13-APR-95	MW-7 08-APR-95	MW-7 13-APR-95	MW-8 07-APR-95	MW-8 07-APR-95 Reanalysis of MW-8	MW-9 07-APR-95
Bromoform	5.00		-	-	-	-	-	-
Bromomethane	10.0		-	-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-	-
Chloroform	5.00		-	-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-	-
Styrene	5.00		-	-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-	-
Toluene	5.00		-	-	-	-	-	-
Trichloroethene	5.00		-	-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		-	<0.50	-	<0.50	-	<0.50
1,1,2,2-Tetrachloroethane	0.500		-	<0.50	-	<0.50	-	<0.50
1,1,2-Trichloroethane	1.00		-	<1.0	-	<1.0	-	<1.0
1,1-Dichloroethane	0.500		-	<0.50	-	<0.50	-	<0.50
1,1-Dichloroethene	0.500		-	<0.50	-	<0.50	-	<0.50
1,2-Dichloroethane	1.00		-	<1.0	-	<1.0	-	<1.0
1,2-Dichloropropane	0.500		-	<0.50	-	<0.50	-	<0.50
2-Butanone	5.00		-	<5.0	-	<5.0	-	<5.0
2-Chloroethyl vinyl ether	5.00		-	<5.0	-	<5.0	-	<5.0
2-Hexanone	5.00		-	<5.0	-	<5.0	-	<5.0
4-Methyl-2-pentanone .	5.00		-	<5.0	-	<5.0	-	<5.0
Acetone	5.00		-	<5.0	-	<5.0	-	<5.0
Benzene	0.500		-	<0.50	-	0.41 JQ	-	<0.50
Bromodichloromethane	0.500		-	0.38 JQ	-	<0.50	-	<0.50
Bromoform	1.00		-	<1.0	-	<1.0	-	<1.0
Bromomethane	2.00		-	<2.0	-	<2.0	-	<2.0
Carbon disulfide	1.00		-	<1.0	-	<1.0	-	<1.0
Carbon tetrachloride	0.500		-	<0.50	-	<0.50	-	<0.50
Chlorobenzene	0.500		-	<0.50	-	<0.50	-	<0.50
Chloroethane	2.00		-	<2.0	-	<2.0	-	<2.0
Chloroform	0.500		-	0.39 JB	-	<0.50	-	<0.50
Chloromethane	2.00		-	<2.0	-	<2.0	-	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

		Sample ID :	MW-5	MW-7	MW-7	MW-8	MW-8	MW-9
		Sample Date :	13-APR-95	08-APR-95	13-APR-95	07-APR-95	07-APR-95	07-APR-95
	Quantitation Limits	Notes:					Reanalysis of MW-8	
PARAMETER/METHOD(UNITS)								
Dibromochloromethane	0.500		-	<0.50	-	<0.50	-	<0.50
Ethylbenzene	0.500		-	<0.50	-	<0.50	-	<0.50
Methylene chloride	2.00		-	2.0 JB	-	<2.0	-	1.8 JB
Styrene	0.500		-	<0.50	-	<0.50	-	<0.50
Tetrachloroethene	0.500		-	<0.50	-	<0.50	-	<0.50
Toluene	0.500		-	<0.50	-	<0.50	-	<0.50
Trichloroethene	0.500		-	<0.50	-	<0.50	-	<0.50
Vinyl acetate	5.00		-	<5.0	-	<5.0	-	<5.0
Vinyl chloride	2.00		-	<2.0	-	<2.0	-	<2.0
Xylenes (total)	1.00		-	<1.0	-	<1.0	-	<1.0
cis-1,2-Dichloroethene	0.500		-	<0.50	-	<0.50	-	<0.50
cis-1,3-Dichloropropene	0.500		-	<0.50	-	<0.50	-	<0.50
trans-1,2-Dichloroethene	0.500		-	<0.50	-	<0.50	-	<0.50
trans-1,3-Dichloropropene	0.500		-	<0.50	-	<0.50	-	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	95	-	93	-	99
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	93	-	92	-	93
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	100	-	100	-	102
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	-	<11	<11	<11	<11
1,2-Dichlorobenzene	10.0		<11	-	<11	<11	<11	<11
1,3-Dichlorobenzene	10.0		<11	-	<11	<11	<11	<11
1,4-Dichlorobenzene	10.0		<11	-	<11	<11	<11	<11
2,4,5-Trichlorophenol	20.0		<22	-	<22	<21	<21	<22
2,4,6-Trichlorophenol	10.0		<11	-	<11	<11	<11	<11
2,4-Dichlorophenol	10.0		<11	-	<11	<11	<11	<11
2,4-Dimethylphenol	10.0		<11	-	<11	<11	<11	<11
2,4-Dinitrophenol	50.0		<56	-	<56	<53	<53	<54
2,4-Dinitrotoluene	10.0		<11	-	<11	<11	<11	<11
2,6-Dinitrotoluene	10.0		<11	-	<11	<11	<11	<11
2-Chloronaphthalene	10.0		<11	-	<11	<11	<11	<11
2-Chlorophenol	10.0		<11	-	<11	<11	<11	<11
2-Methylnaphthalene	10.0		<11	-	<11	<11	<11	<11
2-Methylphenol	10.0		<11	-	<11	<11	<11	<11
2-Nitroaniline	50.0		<56 J	-	<56	<53 J	<53 J	<54 J
2-Nitrophenol	10.0		<11	-	<11	<11	<11	<11
3,3'-Dichlorobenzidine	20.0		<22	-	<22	<21	<21	<22
3-Nitroaniline	50.0		<56	-	<56	<53 J	<53 J	<54 J
4,6-Dinitro-2-methylphenol	50.0		<56	-	<56	<53	<53	<54
4-Bromophenyl phenyl ether	10.0		<11	-	<11	<11	<11	<11
4-Chloro-3-methylphenol	10.0		<11	-	<11	<11	<11	<11
4-Chloroaniline	20.0		<22	-	<22	<21	<21	<22
4-Chlorophenyl phenyl ether	10.0		<11	-	<11	<11	<11	<11
4-Methylphenol	10.0		<11	-	<11	<11	<11	<11
4-Nitroaniline	50.0		<56 J	-	<56	<53	<53	<54
4-Nitrophenol	50.0		<56	-	<56	<53 J	<53	<54 J
Acenaphthene	10.0		<11	-	<11	<11	<11	<11
Acenaphthylene	10.0		<11	-	<11	<11	<11	<11
Anthracene	10.0		<11	-	<11	<11	<11	<11

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DATA SUMMARY TABLE
FIRST QUARTER
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 13-APR-95	MW-7 08-APR-95	MW-7 13-APR-95	MW-8 07-APR-95	MW-8 07-APR-95 Reanalysis of MW-8	MW-9 07-APR-95
Benz(a)anthracene	10.0		<11	-	<11	<11	<11	<11
Benzo(a)pyrene	10.0		<11	-	<11	<11 J	<11 J	<11
Benzo(b)fluoranthene	10.0		<11	-	<11	<11 J	<11 J	<11
Benzo(g,h,i)perylene	10.0		<11	-	<11	<11 J	<11 J	<11
Benzo(k)fluoranthene	10.0		<11	-	<11	<11 J	<11 J	<11
Benzoic acid	50.0		<56	-	<56 J	<53	<53	<54
Benzyl alcohol	20.0		<22	-	<22	<21	<21	<22
Butyl benzyl phthalate	10.0		<11	-	<11	<11	<11	<11
Chrysene	10.0		<11	-	<11	<11	<11	<11
Di-n-butylphthalate	10.0		1.1 JQ	-	1.3 JQ	<11	<11	<11
Di-n-octylphthalate	10.0		<11	-	<11	<11 J	<11 J	<11
Dibenz(a,h)anthracene	10.0		<11	-	<11	<11 J	<11 J	<11
Dibenzofuran	10.0		<11	-	<11	<11	<11	<11
Diethylphthalate	10.0		<11	-	<11	<11	<11	<11
Dimethylphthalate	10.0		<11	-	<11	<11	<11	<11
Fluoranthene	10.0		<11	-	<11	<11	<11	<11
Fluorene	10.0		<11	-	<11	<11	<11	<11
Hexachlorobenzene	10.0		<11	-	<11	<11	<11	<11
Hexachlorobutadiene	10.0		<11	-	<11	<11	<11	<11
Hexachlorocyclopentadiene	10.0		<11 J	-	<11 J	<11 J	<11	<11 J
Hexachloroethane	10.0		<11	-	<11	<11	<11	<11
Indeno(1,2,3-cd)pyrene	10.0		<11	-	<11	<11 J	<11 J	<11
Isophorone	10.0		<11	-	<11	<11	<11	<11
Naphthalene	10.0		9.2 JQ	-	2.5 JQ	<11	<11	<11
Nitrobenzene	10.0		<11	-	<11	<11	<11	<11
Pentachlorophenol	30.0		<34	-	<33	<32	<32	<32
Phenanthrene	10.0		<11	-	<11	<11	<11	<11
Phenol	10.0		<11	-	<11	<11	<11	<11
Pyrene	10.0		<11	-	<11	<11	<11	<11
bis(2-Chloroethoxy)methane	10.0		<11	-	<11	<11	<11	<11
bis(2-Chloroethyl)ether	10.0		<11	-	<11	<11	<11	<11
bis(2-Chloroisopropyl)ether	10.0		<11	-	<11	<11	<11	<11
bis(2-Ethylhexyl)phthalate	10.0		<11	-	<11	<11	<11	<11
n-Nitrosodipropylamine	10.0		<11	-	<11	<11	<11	<11
n-Nitrosodiphenylamine	10.0		<11	-	<11	<11	<11	<11
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			86	-	73	83	82	84
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			71	-	74	68	72	72
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			69	-	70	70	74	81
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			68	-	68	62	65	63
sur-Phenol-d6 %R 10-94 R% (10 - 94)			73	-	66	51	66	64
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			80	-	78	77	78	75

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date :	MW-11 07-APR-95	MW-12 07-APR-95	FDUP-1 07-APR-95	GMI04-01M 07-APR-95	GMI22-01M 12-APR-95	GMI22-02M 12-APR-95
		Notes:			Duplicate of GMI04-01M			
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		2100	<500	1100	1000	71000 J	1100
Antimony	250		<250	<250	<250	<250	<250 J	<250
Barium	20.0		120	69	97	110	2400 J	94
Beryllium	3.00		<3.0	<3.0	<3.0	<3.0	30 J	<3.0
Cadmium	10.0		<10	<10	<10	<10	32 J	<10
Calcium	100		160000	230000	180000	180000	2700000 J	110000
Chromium	50.0		<50	<50	<50	<50	200 J	<50
Cobalt	50.0		<50	<50	<50	<50	120 J	<50
Copper	50.0		<50	<50	<50	<50	<500 J	<50
Iron	50.0		3000	290	2100	2200	190000 J	1800
Magnesium	250		11000	9200	9000	9100	43000 J	4200
Manganese	10.0		220	140	180	180	9800 J	93
Molybdenum	50.0		<50	<50	<50	<50	<50 J	<50
Nickel	50.0		<50	230	<50 J	160 J	270 J	<50
Potassium	600		1800	<600	5100	5100	17000 J	1200
Silver	50.0		<50	<50	<50	<50	<50 J	<50
Sodium	250		56000	58000	31000	31000	52000 J	11000
Vanadium	50.0		<50	<50	<50	<50	420 J	<50
Zinc	10.0		62	<10	74 J	<10 J	260 J	29
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0	<5.0	<5.0	<5.0	13 J	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.0	5.4	<5.0	<5.0	<10 J	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	<0.50	<0.50	<0.50 J	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0	<5.0	<5.0	<25 J	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	<2.0	<2.0	<2.0 J	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	<100	<100	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	<100	<100	-	-
1,1,2-Trichloroethane	5.00		-	-	<100	<100	-	-
1,1-Dichloroethane	5.00		-	-	<100	<100	-	-
1,1-Dichloroethene	5.00		-	-	<100	<100	-	-
1,2-Dichloroethane	5.00		-	-	<100	<100	-	-
1,2-Dichloropropane	5.00		-	-	<100	<100	-	-
2-Butanone (MEK)	10.0		-	-	<200	<200	-	-
2-Chloroethyl vinyl ether	10.0		-	-	<200	<200	-	-
2-Hexanone	10.0		-	-	<200	<200	-	-
4-Methyl-2-pentanone	10.0		-	-	<200	<200	-	-
Acetone	10.0		-	-	<200	<200	-	-
Benzene	5.00		-	-	<100	<100	-	-
Bromodichloromethane	5.00		-	-	<100	<100	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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-12 07-APR-95	FDUP-1 07-APR-95 Duplicate of GMI04-01M	GMI04-01M 07-APR-95	GMI22-01M 12-APR-95	GMI22-02M 12-APR-95
Bromoform	5.00		-	-	<100	<100	-	-
Bromomethane	10.0		-	-	<200	<200	-	-
Carbon disulfide	5.00		-	-	<100	<100	-	-
Carbon tetrachloride	5.00		-	-	<100	<100	-	-
Chlorobenzene	5.00		-	-	<100	<100	-	-
Chloroethane	10.0		-	-	<200	<200	-	-
Chloroform	5.00		-	-	<100	<100	-	-
Chloromethane	10.0		-	-	<200	<200	-	-
Dibromochloromethane	5.00		-	-	<100	<100	-	-
Ethylbenzene	5.00		-	-	<100	<100	-	-
Methylene chloride	5.00		-	-	160	150	-	-
Styrene	5.00		-	-	<100	<100	-	-
Tetrachloroethene	5.00		-	-	<100	<100	-	-
Toluene	5.00		-	-	<100	<100	-	-
Trichloroethene	5.00		-	-	1200	1300	-	-
Vinyl acetate	10.0		-	-	<200	<200	-	-
Vinyl chloride	10.0		-	-	<200	<200	-	-
Xylenes (total)	5.00		-	-	<100	<100	-	-
cis-1,2-Dichloroethene	5.00		-	-	510	520	-	-
cis-1,3-Dichloropropene	5.00		-	-	<100	<100	-	-
trans-1,2-Dichloroethene	5.00		-	-	24 JQ	25 JQ	-	-
trans-1,3-Dichloropropene	5.00		-	-	<100	<100	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	106	102	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	100	103	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	104	104	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
1,1,2-Trichloroethane	1.00		<1.0	<1.0	-	-	<1.0	<1.0
1,1-Dichloroethane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
1,1-Dichloroethene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
1,2-Dichloroethane	1.00		<1.0	<1.0	-	-	<1.0	<1.0
1,2-Dichloropropane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
2-Butanone	5.00		<5.0	<5.0	-	-	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	-	-	<5.0	<5.0
2-Hexanone	5.00		<5.0	<5.0	-	-	<5.0	<5.0
4-Methyl-2-pentanone	5.00		<5.0	<5.0	-	-	<5.0	<5.0
Acetone	5.00		<5.0	<5.0	-	-	<5.0	<5.0
Benzene	0.500		<0.50	<0.50	-	-	0.75	<0.50
Bromodichloromethane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Bromoform	1.00		<1.0	<1.0	-	-	<1.0	<1.0
Bromomethane	2.00		<2.0	<2.0	-	-	<2.0	<2.0
Carbon disulfide	1.00		<1.0	<1.0	-	-	<1.0	<1.0
Carbon tetrachloride	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Chlorobenzene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Chloroethane	2.00		<2.0	<2.0	-	-	<2.0	<2.0
Chloroform	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Chloromethane	2.00		<2.0	<2.0	-	-	<2.0	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date :	MW-11 07-APR-95	MW-12 07-APR-95	FDUP-1 07-APR-95	GMI04-01M 07-APR-95	GMI22-01M 12-APR-95	GMI22-02M 12-APR-95
		Notes:			Duplicate of GMI04-01M			
Dibromochloromethane	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Ethylbenzene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Methylene chloride	2.00		1.4 JB	<2.0	-	-	2.0 JB	1.6 JB
Styrene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Tetrachloroethene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
Toluene	0.500		<0.50	<0.50	-	-	2.7	<0.50
Trichloroethene	0.500		<0.50	<0.50	-	-	11	<0.50
Vinyl acetate	5.00		<5.0	<5.0	-	-	<5.0	<5.0
Vinyl chloride	2.00		<2.0	<2.0	-	-	<2.0	<2.0
Xylenes (total)	1.00		<1.0	<1.0	-	-	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	-	-	40	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	-	-	<0.50	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			92	90	-	-	103	96
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	91	-	-	95	91
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	99	-	-	107	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<10	<10	<10	<10	<11	<10
1,2-Dichlorobenzene	10.0		<10	<10	<10	<10	<11	<10
1,3-Dichlorobenzene	10.0		<10	<10	<10	<10	<11	<10
1,4-Dichlorobenzene	10.0		<10	<10	<10	<10	<11	<10
2,4,5-Trichlorophenol	20.0		<21	<21	<21	<20	<21	<20
2,4,6-Trichlorophenol	10.0		<10	<10	<10	<10	<11	<10
2,4-Dichlorophenol	10.0		<10	<10	<10	<10	<11	<10
2,4-Dimethylphenol	10.0		<10	<10	<10	<10	<11	<10
2,4-Dinitrophenol	50.0		<52	<52	<52	<51	<53	<50
2,4-Dinitrotoluene	10.0		<10	<10	<10	<10	<11	<10
2,6-Dinitrotoluene	10.0		<10	<10	<10	<10	<11	<10
2-Chloronaphthalene	10.0		<10	<10	<10	<10	<11	<10
2-Chlorophenol	10.0		<10	<10	<10	<10	<11	<10
2-Methylnaphthalene	10.0		<10	<10	<10	<10	<11	<10
2-Methylphenol	10.0		<10	<10	<10	<10	<11	<10
2-Nitroaniline	50.0		<52 J	<52 J	<52 J	<51 J	<53	<50
2-Nitrophenol	10.0		<10	<10	<10	<10	<11	<10
3,3'-Dichlorobenzidine	20.0		<21	<21	<21	<20	<21	<20
3-Nitroaniline	50.0		<52 J	<52 J	<52 J	<51 J	<53	<50
4,6-Dinitro-2-methylphenol	50.0		<52	<52	<52	<51	<53	<50
4-Bromophenyl phenyl ether	10.0		<10	<10	<10	<10	<11	<10
4-Chloro-3-methylphenol	10.0		<10	<10	<10	<10	<11	<10
4-Chloroaniline	20.0		<21	<21	<21	<20	<21	<20
4-Chlorophenyl phenyl ether	10.0		<10	<10	<10	<10	<11	<10
4-Methylphenol	10.0		<10	<10	<10	<10	<11	<10
4-Nitroaniline	50.0		<52	<52	<52	<51	<53 J	<50 J
4-Nitrophenol	50.0		<52 J	<52 J	<52 J	<51 J	<53 J	<50 J
Acenaphthene	10.0		<10	<10	<10	<10	<11	<10
Acenaphthylene	10.0		<10	<10	<10	<10	<11	<10
Anthracene	10.0		<10	<10	<10	<10	<11	<10

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date :	MW-11 07-APR-95	MW-12 07-APR-95	FDUP-1 07-APR-95	GMI04-01M 07-APR-95	GMI22-01M 12-APR-95	GMI22-02M 12-APR-95
		Notes:			Duplicate of GMI04-01M			
Benz(a)anthracene	10.0		<10	<10	<10	<10	<11	<10
Benzo(a)pyrene	10.0		<10	<10	<10	<10	<11	<10
Benzo(b)fluoranthene	10.0		<10	<10	<10	<10	<11	<10
Benzo(g,h,i)perylene	10.0		<10	<10	<10	<10	<11	<10
Benzo(k)fluoranthene	10.0		<10	<10	<10	<10	<11	<10
Benzoic acid	50.0		<52	<52	<52	<51	<53 R	<50 R
Benzyl alcohol	20.0		<21	<21	<21	<20	<21	<20
Butyl benzyl phthalate	10.0		<10	<10	<10	<10	<11	<10
Chrysene	10.0		<10	<10	<10	<10	<11	<10
Di-n-butylphthalate	10.0		0.77 JB	<10	<10	0.70 JB	<11	<10
Di-n-octylphthalate	10.0		<10	<10	<10	<10	<11	<10
Dibenz(a,h)anthracene	10.0		<10	<10	<10	<10	<11	<10
Dibenzofuran	10.0		<10	<10	<10	<10	<11	<10
Diethylphthalate	10.0		<10	<10	<10	<10	<11	<10
Dimethylphthalate	10.0		<10	<10	<10	<10	<11	<10
Fluoranthene	10.0		<10	<10	<10	<10	<11	<10
Fluorene	10.0		<10	<10	<10	<10	<11	<10
Hexachlorobenzene	10.0		<10	<10	<10	<10	<11	<10
Hexachlorobutadiene	10.0		<10	<10	<10	<10	<11	<10
Hexachlorocyclopentadiene	10.0		<10 J	<10 J	<10 J	<10 J	<11 J	<10 J
Hexachloroethane	10.0		<10	<10	<10	<10	<11	<10
Indeno(1,2,3-cd)pyrene	10.0		<10	<10	<10	<10	<11	<10
Isophorone	10.0		<10	<10	<10	<10	<11	<10
Naphthalene	10.0		<10	<10	<10	<10	<11	<10
Nitrobenzene	10.0		<10	<10	<10	<10	<11	<10
Pentachlorophenol	30.0		<31	<31	<31	<31	<32	<30
Phenanthrene	10.0		<10	<10	<10	<10	<11	<10
Phenol	10.0		<10	<10	<10	<10	<11	<10
Pyrene	10.0		<10	<10	<10	<10	<11	<10
bis(2-Chloroethoxy)methane	10.0		<10	<10	<10	<10	<11	<10
bis(2-Chloroethyl)ether	10.0		<10	<10	<10	<10	<11	<10
bis(2-Chloroisopropyl)ether	10.0		<10	<10	<10	<10	<11	<10
bis(2-Ethylhexyl)phthalate	10.0		<10	<10	<10	<10	<11	<10
n-Nitrosodinpropylamine	10.0		<10	<10	<10	<10	<11	<10
n-Nitrosodiphenylamine	10.0		<10	<10	<10	<10	<11	<10
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			77	86	82	78	69	68
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			72	70	69	70	61	65
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			54	69	51	50	59	82
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			62	65	63	65	60	67
sur-Phenol-d6 %R 10-94 R% (10 - 94)			70	45	72	72	67	71
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			74	72	75	76	62	66

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	GMI22-04M 13-APR-95	GMI22-05M 13-APR-95	GMI22-06M 13-APR-95	GMI22-O7M 11-APR-95	GMI22-08M 11-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		13000	15000 J	3800	6600 J	1600	3400 JH
Antimony	250		<250	<250 J	<250	<250 J	<250	<250
Barium	20.0		120	270 J	110	100 J	120	99
Beryllium	3.00		<3.0	<3.0 J	<3.0	<3.0 J	<3.0	<3.0
Cadmium	10.0		<10	<10 J	<10	<10 J	<10	<10
Calcium	100		320000	300000 J	200000	160000 J	120000	65000
Chromium	50.0		<50	<50 J	<50	<50 J	<50	<50
Cobalt	50.0		<50	<50 J	<50	<50 J	<50	<50
Copper	50.0		<50	<50 J	<50	<50 J	<50	<50
Iron	50.0		14000	37000 J	5700	12000 J	3500	6100
Magnesium	250		15000	12000 J	19000	16000 J	14000	11000
Manganese	10.0		280	1200 J	230	480 J	210	380 JH
Molybdenum	50.0		<50	<50 J	<50	<50 J	<50	<50
Nickel	50.0		<50	<50 J	<50	<50 J	<50	<50
Potassium	600		7800	4500 J	6100	3100 J	3700	3600
Silver	50.0		<50	<50 J	<50	<50 J	<50	<50
Sodium	250		110000	130000 J	78000	170000 J	33000	26000
Vanadium	50.0		<50	73 J	<50	<50 J	<50	<50
Zinc	10.0		27	62 J	31	18 J	<10	11
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<25 J
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		5.7	12 J	<5.0	<5.0 J	<5.0	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50 J	<0.50	<0.50 J	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0 J	5.6	<5.0 J	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0 J	<2.0	<2.0 J	<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	<25	-	<25	-	-
1,1,2,2-Tetrachloroethane	5.00		-	<25	-	<25	-	-
1,1,2-Trichloroethane	5.00		-	<25	-	<25	-	-
1,1-Dichloroethane	5.00		-	<25	-	<25	-	-
1,1-Dichloroethene	5.00		-	<25	-	<25	-	-
1,2-Dichloroethane	5.00		-	<25	-	<25	-	-
1,2-Dichloropropane	5.00		-	<25	-	<25	-	-
2-Butanone (MEK)	10.0		-	<50	-	<50	-	-
2-Chloroethyl vinyl ether	10.0		-	<50	-	<50	-	-
2-Hexanone	10.0		-	<50	-	<50	-	-
4-Methyl-2-pentanone	10.0		-	<50	-	<50	-	-
Acetone	10.0		-	<50	-	<50	-	-
Benzene	5.00		-	<25	-	<25	-	-
Bromodichloromethane	5.00		-	<25	-	<25	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	GMI22-04M 13-APR-95	GMI22-05M 13-APR-95	GMI22-06M 13-APR-95	GMI22-O7M 11-APR-95	GMI22-08M 11-APR-95
Bromoform	5.00		-	<25	-	<25	-	-
Bromomethane	10.0		-	<50	-	<50	-	-
Carbon disulfide	5.00		-	<25	-	<25	-	-
Carbon tetrachloride	5.00		-	<25	-	<25	-	-
Chlorobenzene	5.00		-	<25	-	<25	-	-
Chloroethane	10.0		-	<50	-	<50	-	-
Chloroform	5.00		-	<25	-	<25	-	-
Chloromethane	10.0		-	<50	-	<50	-	-
Dibromochloromethane	5.00		-	<25	-	<25	-	-
Ethylbenzene	5.00		-	<25	-	<25	-	-
Methylene chloride	5.00		-	40 JB	-	100 JB	-	-
Styrene	5.00		-	<25	-	<25	-	-
Tetrachloroethene	5.00		-	<25	-	<25	-	-
Toluene	5.00		-	<25	-	<25	-	-
Trichloroethene	5.00		-	760	-	580	-	-
Vinyl acetate	10.0		-	<50	-	<50	-	-
Vinyl chloride	10.0		-	<50	-	<50	-	-
Xylenes (total)	5.00		-	<25	-	<25	-	-
cis-1,2-Dichloroethene	5.00		-	90	-	62	-	-
cis-1,3-Dichloropropene	5.00		-	<25	-	<25	-	-
trans-1,2-Dichloroethene	5.00		-	14	-	68	-	-
trans-1,3-Dichloropropene	5.00		-	<25	-	<25	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	93	-	90	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	96	-	98	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	105	-	103	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
1,1,2-Trichloroethane	1.00		<1.0	-	<1.0	-	<1.0	<1.0
1,1-Dichloroethane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
1,1-Dichloroethene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
1,2-Dichloroethane	1.00		<1.0	-	<1.0	-	<1.0	<1.0
1,2-Dichloropropane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
2-Butanone	5.00		<5.0	-	<5.0	-	<5.0	<5.0
2-Chloroethyl vinyl ether	5.00		<5.0	-	<5.0	-	<5.0	<5.0
2-Hexanone	5.00		<5.0	-	<5.0	-	<5.0	<5.0
4-Methyl-2-pentanone	5.00		<5.0	-	<5.0	-	<5.0	<5.0
Acetone	5.00		<5.0	-	<5.0	-	<5.0	<5.0
Benzene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Bromodichloromethane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Bromoform	1.00		<1.0	-	<1.0	-	<1.0	<1.0
Bromomethane	2.00		<2.0	-	<2.0	-	<2.0	<2.0
Carbon disulfide	1.00		<1.0	-	<1.0	-	<1.0	<1.0
Carbon tetrachloride	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Chlorobenzene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Chloroethane	2.00		<2.0	-	<2.0	-	<2.0	<2.0
Chloroform	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Chloromethane	2.00		<2.0	-	<2.0	-	<2.0	<2.0

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DATA SUMMARY TABLE
FIRST QUARTER
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	GMI22-04M 13-APR-95	GMI22-05M 13-APR-95	GMI22-06M 13-APR-95	GMI22-O7M 11-APR-95	GMI22-08M 11-APR-95
Dibromochloromethane	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Ethylbenzene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Methylene chloride	2.00		2.3 JB	-	2.0	-	1.4 JB	1.7 JB
Styrene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
Tetrachloroethene	0.500		14	-	<0.50	-	<0.50	<0.50
Toluene	0.500		<0.50	-	0.22	-	<0.50	<0.50
Trichloroethene	0.500		18	-	<0.50	-	<0.50	<0.50
Vinyl acetate	5.00		<5.0	-	<5.0	-	<5.0	<5.0
Vinyl chloride	2.00		<2.0	-	<2.0	-	<2.0	<2.0
Xylenes (total)	1.00		<1.0	-	<1.0	-	<1.0	<1.0
cis-1,2-Dichloroethene	0.500		17	-	<0.50	-	<0.50	<0.50
cis-1,3-Dichloropropene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
trans-1,2-Dichloroethene	0.500		24	-	<0.50	-	<0.50	<0.50
trans-1,3-Dichloropropene	0.500		<0.50	-	<0.50	-	<0.50	<0.50
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			93	-	96	-	98	95
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			92	-	92	-	93	93
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	-	98	-	100	101
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	<11	<11	<13	<11	<11
1,2-Dichlorobenzene	10.0		<11	<11	<11	<13	<11	<11
1,3-Dichlorobenzene	10.0		<11	<11	<11	<13	<11	<11
1,4-Dichlorobenzene	10.0		<11	<11	<11	<13	<11	<11
2,4,5-Trichlorophenol	20.0		<22	<22	<22	<26	<22	<23
2,4,6-Trichlorophenol	10.0		<11	<11	<11	<13	<11	<11
2,4-Dichlorophenol	10.0		<11	<11	<11	<13	<11	<11
2,4-Dimethylphenol	10.0		<11	<11	<11	<13	<11	<11
2,4-Dinitrophenol	50.0		<54	<56	<56	<65	<56	<57
2,4-Dinitrotoluene	10.0		<11	<11	<11	<13	<11	<11
2,6-Dinitrotoluene	10.0		<11	<11	<11	<13	<11	<11
2-Chloronaphthalene	10.0		<11	<11	<11	<13	<11	<11
2-Chlorophenol	10.0		<11	<11	<11	<13	<11	<11
2-Methylnaphthalene	10.0		<11	<11	<11	<13	<11	<11
2-Methylphenol	10.0		<11	<11	<11	<13	<11	<11
2-Nitroaniline	50.0		<54	<56	<56	<65	<56	<57
2-Nitrophenol	10.0		<11	<11	<11	<13	<11	<11
3,3'-Dichlorobenzidine	20.0		<22	<22	<22	<26	<22	<23
3-Nitroaniline	50.0		<54	<56	<56	<65	<56	<57
4,6-Dinitro-2-methylphenol	50.0		<54	<56	<56	<65	<56	<57
4-Bromophenyl phenyl ether	10.0		<11	<11	<11	<13	<11	<11
4-Chloro-3-methylphenol	10.0		<11	<11	<11	<13	<11	<11
4-Chloroaniline	20.0		<22	<22	<22	<26	<22	<23 J
4-Chlorophenyl phenyl ether	10.0		<11	<11	<11	<13	<11	<11
4-Methylphenol	10.0		<11	<11	<11	<13	<11	<11
4-Nitroaniline	50.0		<54	<56	<56	<65	<56	<57
4-Nitrophenol	50.0		<54	<56	<56	<65	<56	<57 J
Acenaphthene	10.0		<11	<11	<11	<13	<11	<11
Acenaphthylene	10.0		<11	<11	<11	<13	<11	<11
Anthracene	10.0		<11	<11	<11	<13	<11	<11

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DATA SUMMARY TABLE
FIRST QUARTER
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	GMI22-04M 13-APR-95	GMI22-05M 13-APR-95	GMI22-06M 13-APR-95	GMI22-O7M 11-APR-95	GMI22-08M 11-APR-95
Benz(a)anthracene	10.0		<11	<11	<11	<13	<11	<11
Benzo(a)pyrene	10.0		<11	<11	<11	<13	<11	<11 J
Benzo(b)fluoranthene	10.0		<11	<11	<11	<13	<11	<11
Benzo(g,h,i)perylene	10.0		<11	<11	<11	<13	<11	<11
Benzo(k)fluoranthene	10.0		<11	<11	<11	<13	<11	<11
Benzoic acid	50.0		<54 J	<56 J	<56 J	<65 J	<56 R	<57 R
Benzyl alcohol	20.0		<22	<22	<22	<26	<22	<23
Butyl benzyl phthalate	10.0		<11	<11	<11	<13	<11	<11
Chrysene	10.0		<11	<11	<11	<13	<11	<11
Di-n-butylphthalate	10.0		<11	<11	0.68	<13	0.75 JQ	<11
Di-n-octylphthalate	10.0		<11	<11	<11	<13	<11	<11
Dibenz(a,h)anthracene	10.0		<11	<11	<11	<13	<11	<11
Dibenzofuran	10.0		<11	<11	<11	<13	<11	<11
Diethylphthalate	10.0		<11	<11	<11	<13	<11	<11
Dimethylphthalate	10.0		<11	<11	<11	<13	<11	<11
Fluoranthene	10.0		<11	<11	<11	<13	<11	<11
Fluorene	10.0		<11	<11	<11	<13	<11	<11
Hexachlorobenzene	10.0		<11	<11	<11	<13	<11	<11
Hexachlorobutadiene	10.0		<11	<11	<11	<13	<11	<11
Hexachlorocyclopentadiene	10.0		<11 J	<11 J	<11 J	<13 J	<11 J	<11
Hexachloroethane	10.0		<11	<11	<11	<13	<11	<11
Indeno(1,2,3-cd)pyrene	10.0		<11	<11	<11	<13	<11	<11
Isophorone	10.0		<11	<11	<11	<13	<11	<11
Naphthalene	10.0		<11	<11	<11	<13	<11	<11
Nitrobenzene	10.0		<11	<11	<11	<13	<11	<11
Pentachlorophenol	30.0		<33	<33	<34	<39	<33	<34
Phenanthrene	10.0		<11	<11	<11	<13	<11	<11
Phenol	10.0		<11	<11	<11	<13	<11	<11
Pyrene	10.0		<11	<11	<11	<13	<11	<11
bis(2-Chloroethoxy)methane	10.0		<11	<11	<11	<13	<11	<11
bis(2-Chloroethyl)ether	10.0		<11 J	<11 J	<11	<13 J	<11	<11
bis(2-Chloroisopropyl)ether	10.0		<11	<11	<11	<13	<11	<11
bis(2-Ethylhexyl)phthalate	10.0		<11	<11	<11	<13	<11	<11
n-Nitrosodinpropylamine	10.0		<11	<11	<11	<13	<11	<11
n-Nitrosodiphenylamine	10.0		<11	<11	<11	<13	<11	<11
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			64	59	43	65	60	68
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			53	58	46	55	71	66
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			47	45	41	45	34	51
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			46	54	43	47	67	65
sur-Phenol-d6 %R 10-94 R% (10 - 94)			60	34	34	58	34	39
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			65	60	43	72	80	74

Data Qualification Flags/Notes:
J = Estimated quantitation 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
FIRST QUARTER
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	WP07-10C 12-APR-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)				
Aluminum	500		15000	1900
Antimony	250		<250	<250
Barium	20.0		180	130
Beryllium	3.00		<3.0	<3.0
Cadmium	10.0		<10	<10
Calcium	100		270000	160000
Chromium	50.0		<50	<50
Cobalt	50.0		<50	<50
Copper	50.0		<50	<50
Iron	50.0		23000	9500
Magnesium	250		9400	11000
Manganese	10.0		490	680
Molybdenum	50.0		<50	<50
Nickel	50.0		<50	<50
Potassium	600		4400	2900
Silver	50.0		<50	<50
Sodium	250		21000	30000
Vanadium	50.0		55	<50
Zinc	10.0		41	10
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)				
Arsenic	5.00		<5.0	8.4
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)				
Lead	5.00		14	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)				
Mercury	0.500		<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)				
Selenium	5.00		<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)				
Thallium	2.00		<2.0	<2.0
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)				
1,1,1-Trichloroethane	5.00		<100	<50
1,1,2,2-Tetrachloroethane	5.00		<100	<50
1,1,2-Trichloroethane	5.00		<100	<50
1,1-Dichloroethane	5.00		<100	<50
1,1-Dichloroethene	5.00		<100	<50
1,2-Dichloroethane	5.00		<100	<50
1,2-Dichloropropane	5.00		<100	<50
2-Butanone (MEK)	10.0		<200	<100
2-Chloroethyl vinyl ether	10.0		<200	<100
2-Hexanone	10.0		<200	<100
4-Methyl-2-pentanone	10.0		<200	<100
Acetone	10.0		<200	<100
Benzene	5.00		<100	<50
Bromodichloromethane	5.00		<100	<50

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DATA SUMMARY TABLE
FIRST QUARTER
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		WP07-10C 12-APR-95	
Bromoform	5.00		<100		<50	
Bromomethane	10.0		<200		<100	
Carbon disulfide	5.00		<100		<50	
Carbon tetrachloride	5.00		<100		<50	
Chlorobenzene	5.00		<100		<50	
Chloroethane	10.0		<200		<100	
Chloroform	5.00		<100		<50	
Chloromethane	10.0		<200		<100	
Dibromochloromethane	5.00		<100		<50	
Ethylbenzene	5.00		<100		<50	
Methylene chloride	5.00		150		24	JB
Styrene	5.00		<100		<50	
Tetrachloroethene	5.00		9.6	JQ	<50	
Toluene	5.00		<100		<50	
Trichloroethene	5.00		2000		590	
Vinyl acetate	10.0		<200		<100	
Vinyl chloride	10.0		<200		<100	
Xylenes (total)	5.00		<100		<50	
cis-1,2-Dichloroethene	5.00		230		170	
cis-1,3-Dichloropropene	5.00		<100		<50	
trans-1,2-Dichloroethene	5.00		24	JQ	9.9	
trans-1,3-Dichloropropene	5.00		<100		<50	
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			102		95	
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			100		100	
sur-Toluene-d8 %R 88-110 R% (88 - 110)			105		103	
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		-		-	
Chloroethane	2.00		-		-	
Chloroform	0.500		-		-	
Chloromethane	2.00		-		-	

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DATA SUMMARY TABLE
FIRST QUARTER
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	WP07-10C 12-APR-95
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 R% (76 - 114)			-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)				
1,2,4-Trichlorobenzene	10.0		<14	<11
1,2-Dichlorobenzene	10.0		<14	<11
1,3-Dichlorobenzene	10.0		<14	<11
1,4-Dichlorobenzene	10.0		<14	3.0 J
2,4,5-Trichlorophenol	20.0		<27	<23
2,4,6-Trichlorophenol	10.0		<14	<11
2,4-Dichlorophenol	10.0		<14	<11
2,4-Dimethylphenol	10.0		<14	<11
2,4-Dinitrophenol	50.0		<68	<57
2,4-Dinitrotoluene	10.0		<14	<11
2,6-Dinitrotoluene	10.0		<14	<11
2-Chloronaphthalene	10.0		<14	<11
2-Chlorophenol	10.0		<14	<11
2-Methylnaphthalene	10.0		<14	<11
2-Methylphenol	10.0		<14	<11
2-Nitroaniline	50.0		<68	<57
2-Nitrophenol	10.0		<14	<11
3,3'-Dichlorobenzidine	20.0		<27	<23
3-Nitroaniline	50.0		<68	<57
4,6-Dinitro-2-methylphenol	50.0		<68	<57
4-Bromophenyl phenyl ether	10.0		<14	<11
4-Chloro-3-methylphenol	10.0		<14	<11
4-Chloroaniline	20.0		<27	<23
4-Chlorophenyl phenyl ether	10.0		<14	<11
4-Methylphenol	10.0		<14	<11
4-Nitroaniline	50.0		<68	<57 J
4-Nitrophenol	50.0		<68 J	<57 J
Acenaphthene	10.0		<14	<11
Acenaphthylene	10.0		<14	<11
Anthracene	10.0		<14	<11

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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		WP07-10C 12-APR-95	
Benz(a)anthracene	10.0		<14		<11	
Benzo(a)pyrene	10.0		<14		<11	
Benzo(b)fluoranthene	10.0		<14		<11	
Benzo(g,h,i)perylene	10.0		<14		<11	
Benzo(k)fluoranthene	10.0		<14		<11	
Benzoic acid	50.0		<68		<57	R
Benzyl alcohol	20.0		<27		<23	
Butyl benzyl phthalate	10.0		<14		<11	
Chrysene	10.0		<14		<11	
Di-n-butylphthalate	10.0		<14		<11	
Di-n-octylphthalate	10.0		<14		<11	
Dibenz(a,h)anthracene	10.0		<14		<11	
Dibenzofuran	10.0		<14		<11	
Diethylphthalate	10.0		<14		<11	
Dimethylphthalate	10.0		<14		<11	
Fluoranthene	10.0		<14		<11	
Fluorene	10.0		<14		<11	
Hexachlorobenzene	10.0		<14		<11	
Hexachlorobutadiene	10.0		<14		<11	
Hexachlorocyclopentadiene	10.0		<14	J	<11	
Hexachloroethane	10.0		<14		<11	
Indeno(1,2,3-cd)pyrene	10.0		<14		<11	
Isophorone	10.0		<14		<11	
Naphthalene	10.0		<14		<11	
Nitrobenzene	10.0		<14		<11	
Pentachlorophenol	30.0		<41		<34	
Phenanthrene	10.0		<14		<11	
Phenol	10.0		<14		<11	
Pyrene	10.0		<14		<11	
bis(2-Chloroethoxy)methane	10.0		<14		<11	
bis(2-Chloroethyl)ether	10.0		<14		<11	
bis(2-Chloroisopropyl)ether	10.0		<14		<11	
bis(2-Ethylhexyl)phthalate	10.0		<14		<11	
n-Nitrosodinpropylamine	10.0		<14		<11	
n-Nitrosodiphenylamine	10.0		<14		<11	
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			84		60	
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			72		54	
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			51		61	
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			66		52	
sur-Phenol-d6 %R 10-94 R% (10 - 94)			48		46	
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			76		54	

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-01	SD13-02	SD13-03
		Sample Date :	08-APR-95	08-APR-95	08-APR-95	13-APR-95	08-APR-95	08-APR-95
		Notes:	Duplicate of OT15C					
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		3200	4100	-	2100 JB	680	4200 R
Antimony	250		<250	<250	-	<250	<250	<250 R
Barium	20.0		170	190	-	210	180	320 R
Beryllium	3.00		<3.0	<3.0	-	<3.0	<3.0	<3.0 R
Cadmium	10.0		<10	<10	-	<10	<10	<10 R
Calcium	100		170000	180000	-	150000	170000	210000 R
Chromium	50.0		<50	<50	-	<50	<50	<50 R
Cobalt	50.0		<50	<50	-	<50	<50	<50 R
Copper	50.0		<50	<50	-	<50	<50	<50 R
Iron	50.0		2600	3300	-	18000	4700	24000 R
Magnesium	250		5100	5300	-	6100	6500	7900 R
Manganese	10.0		220 J	330 J	-	180	480	300 R
Molybdenum	50.0		<50	<50	-	<50	<50	<50 R
Nickel	50.0		<50	<50	-	<50	<50	<50 R
Potassium	600		2700	2700	-	1300	2000	1800 R
Silver	50.0		<50	<50	-	<50	<50	<50 R
Sodium	250		25000	25000	-	25000	19000	23000 R
Vanadium	50.0		<50	<50	-	<50	<50	<50 R
Zinc	10.0		<10	12	-	18	15	35 R
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.0	<5.0	-	37	<5.0	31 R
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead &	5.00		<5.0	<5.0	-	<5.0	<5.0	18 R
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	-	<0.50	<0.50	<0.50 R
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<25	-	<5.0	<5.0	<25 R
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	-	<2.0	<2.0	<2.0 R
HALOGENATED AND AROMATIC VOLATILES BY GC - SW8021/NONE (µg/L)								
Trichloroethene	1.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,4-Dichlorobutane %R 79-119 R% (79 - 119)			-	-	-	-	-	-
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/L)								
4,4'-DDD	0.100		<0.10	<0.10	-	-	-	-
4,4'-DDE	0.0400		<0.040	<0.040	-	-	-	-
4,4'-DDT	0.100		<0.10 JL	<0.10 JL	-	-	-	-
AR1016	1.00		<1.1	<1.0	-	-	-	-
AR1221	1.00		<1.1	<1.0	-	-	-	-
AR1232	1.00		<1.1	<1.0	-	-	-	-
AR1242	1.00		<1.1	<1.0	-	-	-	-
AR1248	1.00		<1.1	<1.0	-	-	-	-

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-01	SD13-02	SD13-03
		Sample Date :	08-APR-95	08-APR-95	08-APR-95	13-APR-95	08-APR-95	08-APR-95
		Notes:	Duplicate of OT15C					
AR1254	1.00		<1.1	<1.0	-	-	-	-
AR1260	1.00		<1.1	<1.0	-	-	-	-
Aldrin	0.0400		<0.040	<0.040	-	-	-	-
Chlordane	0.500		<0.50	<0.50	-	-	-	-
Dieldrin	0.0200		<0.020	<0.020	-	-	-	-
Endosulfan I	0.0500		<0.050	<0.050	-	-	-	-
Endosulfan II	0.0400		<0.040	<0.040	-	-	-	-
Endosulfan sulfate	0.100		<0.10	<0.10	-	-	-	-
Endrin	0.0600		<0.060	<0.060	-	-	-	-
Endrin aldehyde	0.100		<0.10	<0.10	-	-	-	-
Heptachlor	0.0300		<0.030	<0.030	-	-	-	-
Heptachlor epoxide	0.0500		<0.050	<0.050	-	-	-	-
Methoxychlor	0.500		<0.50	<0.50	-	-	-	-
Toxaphene	2.00		<2.1	<2.1	-	-	-	-
alpha-BHC	0.0300		<0.030	<0.030	-	-	-	-
beta-BHC	0.0500		<0.050	<0.050	-	-	-	-
delta-BHC	0.0500		<0.050	<0.050	-	-	-	-
gamma-BHC (Lindane)	0.0400		<0.040	<0.040	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-Dibutylchlorendate %R 33-186 R% (33 - 186)			40	50	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	<5.0
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	<5.0
1,1,2-Trichloroethane	5.00		-	-	-	-	-	<5.0
1,1-Dichloroethane	5.00		-	-	-	-	-	<5.0
1,1-Dichloroethene	5.00		-	-	-	-	-	<5.0
1,2-Dichloroethane	5.00		-	-	-	-	-	<5.0
1,2-Dichloropropane	5.00		-	-	-	-	-	<5.0
2-Butanone (MEK)	10.0		-	-	-	-	-	<10
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	<10
2-Hexanone	10.0		-	-	-	-	-	<10
4-Methyl-2-pentanone	10.0		-	-	-	-	-	<10
Acetone	10.0		-	-	-	-	-	<10
Benzene	5.00		-	-	-	-	-	<5.0
Bromodichloromethane	5.00		-	-	-	-	-	<5.0
Bromoform	5.00		-	-	-	-	-	<5.0
Bromomethane	10.0		-	-	-	-	-	<10
Carbon disulfide	5.00		-	-	-	-	-	<5.0
Carbon tetrachloride	5.00		-	-	-	-	-	<5.0
Chlorobenzene	5.00		-	-	-	-	-	<5.0
Chloroethane	10.0		-	-	-	-	-	<10
Chloroform	5.00		-	-	-	-	-	<5.0
Chloromethane	10.0		-	-	-	-	-	<10
Dibromochloromethane	5.00		-	-	-	-	-	<5.0
Ethylbenzene	5.00		-	-	-	-	-	<5.0
Methylene chloride	5.00		-	-	-	-	-	11 JB
Styrene	5.00		-	-	-	-	-	<5.0
Tetrachloroethene	5.00		-	-	-	-	-	<5.0
Toluene	5.00		-	-	-	-	-	<5.0

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-01	SD13-02	SD13-03
		Sample Date :	08-APR-95	08-APR-95	08-APR-95	13-APR-95	08-APR-95	08-APR-95
		Notes:	Duplicate of OT15C					
Trichloroethene	5.00		-	-	-	-	-	<5.0
Vinyl acetate	10.0		-	-	-	-	-	<10
Vinyl chloride	10.0		-	-	-	-	-	<10
Xylenes (total)	5.00		-	-	-	-	-	<5.0
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	<5.0
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	<5.0
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	<5.0
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	<5.0
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	96
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	94
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	106
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.0	-	<1.0	-
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.0	-	<1.0	-
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
2-Butanone	5.00		<5.0	<5.0	<5.0	-	<5.0	-
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.0	-	<5.0	-
2-Hexanone	5.00		<5.0	<5.0	<5.0	-	<5.0	-
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.0	-	<5.0	-
Acetone	5.00		<5.0	<5.0	<5.0	-	<5.0	-
Benzene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Bromodichloromethane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Bromoform	1.00		<1.0	<1.0	<1.0	-	<1.0	-
Bromomethane	2.00		<2.0	<2.0	<2.0	-	<2.0	-
Carbon disulfide	1.00		<1.0	<1.0	<1.0	-	<1.0	-
Carbon tetrachloride	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Chlorobenzene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Chloroethane	2.00		<2.0	<2.0	<2.0	-	<2.0	-
Chloroform	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Chloromethane	2.00		<2.0	<2.0	<2.0	-	<2.0	-
Dibromochloromethane	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Ethylbenzene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Methylene chloride	2.00		1.5 JB	1.9 JB	4.3 JB	-	3.0 JB	-
Styrene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Tetrachloroethene	0.500		2.3 JH	2.4 JH	<0.50	-	<0.50	-
Toluene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Trichloroethene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
Vinyl acetate	5.00		<5.0	<5.0	<5.0	-	<5.0	-
Vinyl chloride	2.00		<2.0	<2.0	<2.0	-	<2.0	-
Xylenes (total)	1.00		<1.0	<1.0	<1.0	-	<1.0	-
cis-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	-	<0.50	-
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	-	<0.50	-

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID: / Sample Date: / Notes:	FDUP-8 / 08-APR-95 / Duplicate of OT15C	OT15C / 08-APR-95	SD13-01 / 08-APR-95	SD13-01 / 13-APR-95	SD13-02 / 08-APR-95	SD13-03 / 08-APR-95
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			93	96	105	-	94	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			95	96	114	-	98	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			101	101	105	-	102	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
1,2,4-Trichlorobenzene	10.0		<10	<11	-	<10	<10	<10 R
1,2-Dichlorobenzene	10.0		<10	<11	-	<10	<10	<10 R
1,3-Dichlorobenzene	10.0		<10	<11	-	<10	<10	<10 R
1,4-Dichlorobenzene	10.0		<10	<11	-	<10	<10	<10 R
2,4,5-Trichlorophenol	20.0		<21	<22	-	<20	<20	<21 R
2,4,6-Trichlorophenol	10.0		<10	<11	-	<10	<10	<10 R
2,4-Dichlorophenol	10.0		<10	<11	-	<10	<10	<10 R
2,4-Dimethylphenol	10.0		<10	<11	-	<10	<10	<10 R
2,4-Dinitrophenol	50.0		<53	<54	-	<50	<50	<53 R
2,4-Dinitrotoluene	10.0		<10	<11	-	<10	<10	<10 R
2,6-Dinitrotoluene	10.0		<10	<11	-	<10	<10	<10 R
2-Chloronaphthalene	10.0		<10	<11	-	<10	<10	<10 R
2-Chlorophenol	10.0		<10	<11	-	<10	<10	<10 R
2-Methylnaphthalene	10.0		<10	<11	-	16	<10	2.6 R
2-Methylphenol	10.0		<10	<11	-	<10	<10	<10 R
2-Nitroaniline	50.0		<53 J	<54 J	-	<50 J	<50 J	<53 R
2-Nitrophenol	10.0		<10	<11	-	<10	<10	<10 R
3,3'-Dichlorobenzidine	20.0		<21	<22	-	<20	<20	<21 R
3-Nitroaniline	50.0		<53 J	<54 J	-	<50	<50 J	<53 R
4,6-Dinitro-2-methylphenol	50.0		<53	<54	-	<50	<50	<53 R
4-Bromophenyl phenyl ether	10.0		<10	<11	-	<10	<10	<10 R
4-Chloro-3-methylphenol	10.0		<10	<11	-	<10	<10	<10 R
4-Chloroaniline	20.0		<21	<22	-	<20	<20	<21 R
4-Chlorophenyl phenyl ether	10.0		<10	<11	-	<10	<10	<10 R
4-Methylphenol	10.0		<10	<11	-	<10	<10	<10 R
4-Nitroaniline	50.0		<53 J	<54 J	-	<50 J	<50 J	<53 R
4-Nitrophenol	50.0		<53	<54	-	<50	<50	<53 R
Acenaphthene	10.0		<10	<11	-	<10	<10	<10 R
Acenaphthylene	10.0		<10	<11	-	0.93 JQ	<10	<10 R
Anthracene	10.0		<10	<11	-	<10	<10	<10 R
Benz(a)anthracene	10.0		<10	<11	-	<10	<10	<10 R
Benzo(a)pyrene	10.0		<10	<11	-	<10	<10	<10 R
Benzo(b)fluoranthene	10.0		<10	<11	-	<10	<10	<10 R
Benzo(g,h,i)perylene	10.0		<10	<11	-	<10	<10	<10 R
Benzo(k)fluoranthene	10.0		<10	<11	-	<10	<10	<10 R
Benzoic acid	50.0		<53	<54	-	<50	<50	<53 R
Benzyl alcohol	20.0		<21	<22	-	<20	<20	<21 R
Butyl benzyl phthalate	10.0		<10	<11	-	<10	<10	<10 R
Chrysene	10.0		<10	<11	-	<10	<10	<10 R
Di-n-butylphthalate	10.0		<10	<11	-	0.68 JQ	<10	<10 R
Di-n-octylphthalate	10.0		<10	<11	-	<10	<10	<10 R
Dibenz(a,h)anthracene	10.0		<10	<11	-	<10	<10	<10 R
Dibenzofuran	10.0		<10	<11	-	1.5 JQ	<10	1.3 R
Diethylphthalate	10.0		<10	<11	-	<10	<10	<10 R

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-01	SD13-02	SD13-03
		Sample Date :	08-APR-95	08-APR-95	08-APR-95	13-APR-95	08-APR-95	08-APR-95
		Notes:	Duplicate of OT15C					
Dimethylphthalate	10.0		<10	<11	-	<10	<10	<10 R
Fluoranthene	10.0		<10	<11	-	<10	<10	<10 R
Fluorene	10.0		<10	<11	-	<10	<10	0.29 R
Hexachlorobenzene	10.0		<10	<11	-	<10	<10	<10 R
Hexachlorobutadiene	10.0		<10	<11	-	<10	<10	<10 R
Hexachlorocyclopentadiene	10.0		<10	<11	-	<10 J	<10	<10 R
Hexachloroethane	10.0		<10	<11	-	<10	<10	<10 R
Indeno(1,2,3-cd)pyrene	10.0		<10	<11	-	<10	<10	<10 R
Isophorone	10.0		<10	<11	-	<10	<10	<10 R
Naphthalene	10.0		<10	<11	-	1.2 JQ	<10	4.0 R
Nitrobenzene	10.0		<10	<11	-	<10	<10	<10 R
Pentachlorophenol	30.0		<32	<33	-	<30	<30	<32 R
Phenanthrene	10.0		<10	<11	-	<10	<10	<10 R
Phenol	10.0		<10	<11	-	<10	<10	<10 R
Pyrene	10.0		<10	<11	-	<10	<10	<10 R
bis(2-Chloroethoxy)methane	10.0		<10	<11	-	<10	<10	<10 R
bis(2-Chloroethyl)ether	10.0		<10	<11	-	<10	<10	<10 R
bis(2-Chloroisopropyl)ether	10.0		<10	<11	-	<10	<10	<10 R
bis(2-Ethylhexyl)phthalate	10.0		<10	<11	-	<10	<10	<10 R
n-Nitrosodinpropylamine	10.0		<10	<11	-	<10	<10	<10 R
n-Nitrosodiphenylamine	10.0		<10	<11	-	<10	<10	<10 R
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			71	85	-	91	81	74
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			69	75	-	75	76	71
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			51	51	-	79	84	88
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			64	73	-	88	71	72
sur-Phenol-d6 %R 10-94 R% (10 - 94)			66	75	-	70	64	68
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			73	79	-	82	77	73

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-03	FDUP-4	SD13-05	SD13-06	SD13-07	P3A
		Sample Date :	13-APR-95	10-APR-95	10-APR-95	08-APR-95	08-APR-95	11-APR-95
		Notes:	Reanalysis of SD13-03	Duplicate of SD13-05				
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		9500	570	770	720	<500	22000
Antimony	250		<250	<250	<250	<250	<250	<250
Barium	20.0		340	200	210	240	170	310
Beryllium	3.00		<3.0	<3.0	<3.0	<3.0	<3.0	3.0
Cadmium	10.0		<10	<10	<10	<10	<10	11
Calcium	100		270000	150000	150000	200000	150000	190000
Chromium	50.0		<50	<50	<50 J	<50	<50	<50
Cobalt	50.0		<50	<50	<50	<50	<50	<50
Copper	50.0		<50	<50	<50	<50	<50	<50
Iron	50.0		34000	1000	1300 JL	1200	5300	70000
Magnesium	250		10000	4600	4700	12000	7300	27000
Manganese	10.0		440	81	83	330	530	1700
Molybdenum	50.0		<50	<50	<50	<50	<50	<50
Nickel	50.0		<50	<50	<50	<50	<50	57
Potassium	600		2900	1800	1900	950	1400	7600
Silver	50.0		<50	<50	<50	<50	<50	<50
Sodium	250		24000	32000	33000	28000	42000	25000
Vanadium	50.0		<50	<50	<50	<50	<50	100
Zinc	10.0		61	50 J	74 J	25	<10	110
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		22	<5.0	<5.0	<5.0	<5.0	<5.0
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead &	5.00		22	<5.0	<5.0	<5.0	5.6	25
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.0	<2.0	<10	<2.0	<2.0	<2.0
HALOGENATED AND AROMATIC VOLATILES BY GC - SW8021/NONE (µg/L)								
Trichloroethene	1.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,4-Dichlorobutane %R 79-119 R% (79 - 119)			-	-	-	-	-	-
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/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		-	-	-	-	-	-
AR1248	1.00		-	-	-	-	-	-

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-03	FDUP-4	SD13-05	SD13-06	SD13-07	P3A
		Sample Date :	13-APR-95	10-APR-95	10-APR-95	08-APR-95	08-APR-95	11-APR-95
		Notes:	Reanalysis of SD13-03	Duplicate of SD13-05				
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 R% (33 - 186)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	<5.0	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	<5.0	-
1,1,2-Trichloroethane	5.00		-	-	-	-	<5.0	-
1,1-Dichloroethane	5.00		-	-	-	-	<5.0	-
1,1-Dichloroethene	5.00		-	-	-	-	<5.0	-
1,2-Dichloroethane	5.00		-	-	-	-	<5.0	-
1,2-Dichloropropane	5.00		-	-	-	-	<5.0	-
2-Butanone (MEK)	10.0		-	-	-	-	<10	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	<10	-
2-Hexanone	10.0		-	-	-	-	<10	-
4-Methyl-2-pentanone	10.0		-	-	-	-	<10	-
Acetone	10.0		-	-	-	-	<10	-
Benzene	5.00		-	-	-	-	<5.0	-
Bromodichloromethane	5.00		-	-	-	-	<5.0	-
Bromoform	5.00		-	-	-	-	<5.0	-
Bromomethane	10.0		-	-	-	-	<10	-
Carbon disulfide	5.00		-	-	-	-	<5.0	-
Carbon tetrachloride	5.00		-	-	-	-	<5.0	-
Chlorobenzene	5.00		-	-	-	-	<5.0	-
Chloroethane	10.0		-	-	-	-	<10	-
Chloroform	5.00		-	-	-	-	<5.0	-
Chloromethane	10.0		-	-	-	-	<10	-
Dibromochloromethane	5.00		-	-	-	-	<5.0	-
Ethylbenzene	5.00		-	-	-	-	<5.0	-
Methylene chloride	5.00		-	-	-	-	14 JB	-
Styrene	5.00		-	-	-	-	<5.0	-
Tetrachloroethene	5.00		-	-	-	-	<5.0	-
Toluene	5.00		-	-	-	-	<5.0	-

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-03	FDUP-4	SD13-05	SD13-06	SD13-07	P3A
		Sample Date :	13-APR-95	10-APR-95	10-APR-95	08-APR-95	08-APR-95	11-APR-95
		Notes:	Reanalysis of SD13-03	Duplicate of SD13-05				
Trichloroethene	5.00		-	-	-	-	<5.0	-
Vinyl acetate	10.0		-	-	-	-	<10	-
Vinyl chloride	10.0		-	-	-	-	<10	-
Xylenes (total)	5.00		-	-	-	-	<5.0	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	<5.0	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	<5.0	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	<5.0	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	<5.0	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	94	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	92	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	107	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
1,1,2,2-Tetrachloroethane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
1,1,2-Trichloroethane	1.00		-	<1.0	<1.0	<1.0	-	<1.0
1,1-Dichloroethane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
1,1-Dichloroethene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
1,2-Dichloroethane	1.00		-	<1.0	<1.0	<1.0	-	<1.0
1,2-Dichloropropane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
2-Butanone	5.00		-	<5.0	<5.0	<5.0	-	<5.0
2-Chloroethyl vinyl ether	5.00		-	<5.0	<5.0	<5.0	-	<5.0
2-Hexanone	5.00		-	<5.0	<5.0	<5.0	-	<5.0
4-Methyl-2-pentanone	5.00		-	<5.0	<5.0	<5.0	-	<5.0
Acetone	5.00		-	<5.0	<5.0	<5.0	-	<5.0
Benzene	0.500		-	<0.50	<0.50	0.47 JQ	-	<0.50
Bromodichloromethane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Bromoform	1.00		-	<1.0	<1.0	<1.0	-	<1.0
Bromomethane	2.00		-	<2.0	<2.0	<2.0	-	<2.0
Carbon disulfide	1.00		-	<1.0	<1.0	<1.0	-	<1.0
Carbon tetrachloride	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Chlorobenzene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Chloroethane	2.00		-	<2.0	<2.0	<2.0	-	<2.0
Chloroform	0.500		-	0.36 JB	0.34 JB	<0.50	-	<0.50
Chloromethane	2.00		-	<2.0	<2.0	<2.0	-	<2.0
Dibromochloromethane	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Ethylbenzene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Methylene chloride	2.00		-	<2.0	1.6 JB	2.4 JB	-	1.7 JB
Styrene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Tetrachloroethene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Toluene	0.500		-	<0.50	<0.50	<0.50	-	0.44 JQ
Trichloroethene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
Vinyl acetate	5.00		-	<5.0	<5.0	<5.0	-	<5.0
Vinyl chloride	2.00		-	<2.0	<2.0	<2.0	-	<2.0
Xylenes (total)	1.00		-	<1.0	<1.0	<1.0	-	<1.0
cis-1,2-Dichloroethene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
cis-1,3-Dichloropropene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
trans-1,2-Dichloroethene	0.500		-	<0.50	<0.50	<0.50	-	<0.50
trans-1,3-Dichloropropene	0.500		-	<0.50	<0.50	<0.50	-	<0.50

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-03	FDUP-4	SD13-05	SD13-06	SD13-07	P3A
		Sample Date :	13-APR-95	10-APR-95	10-APR-95	08-APR-95	08-APR-95	11-APR-95
		Notes:	Reanalysis of SD13-03	Duplicate of SD13-05				
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	93	95	99	-	91
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	98	94	97	-	92
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	101	99	101	-	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<11	<11	<11	<10	<10	<11
1,2-Dichlorobenzene	10.0		<11	<11	<11	<10	<10	<11
1,3-Dichlorobenzene	10.0		<11	<11	<11	<10	<10	<11
1,4-Dichlorobenzene	10.0		<11	<11	<11	<10	<10	<11
2,4,5-Trichlorophenol	20.0		<22	<22	<21	<20	<21	<23
2,4,6-Trichlorophenol	10.0		<11	<11	<11	<10	<10	<11
2,4-Dichlorophenol	10.0		<11	<11	<11	<10	<10	<11
2,4-Dimethylphenol	10.0		<11	<11	<11	<10	<10	<11
2,4-Dinitrophenol	50.0		<54	<54	<53	<50	<53	<57
2,4-Dinitrotoluene	10.0		<11	<11	<11	<10	<10	<11
2,6-Dinitrotoluene	10.0		<11	<11	<11	<10	<10	<11
2-Chloronaphthalene	10.0		<11	<11	<11	<10	<10	<11
2-Chlorophenol	10.0		<11	<11	<11	<10	<10	<11
2-Methylnaphthalene	10.0		12	<11	<11	<10	22	<11
2-Methylphenol	10.0		<11	<11	<11	<10	<10	<11
2-Nitroaniline	50.0		<54 J	<54	<53	<50 J	<53 J	<57
2-Nitrophenol	10.0		<11	<11	<11	<10	<10	<11
3,3'-Dichlorobenzidine	20.0		<22	<22	<21	<20	<21	<23
3-Nitroaniline	50.0		<54 J	<54	<53	<50 J	<53 J	<57
4,6-Dinitro-2-methylphenol	50.0		<54	<54	<53	<50	<53	<57
4-Bromophenyl phenyl ether	10.0		<11	<11	<11	<10	<10	<11
4-Chloro-3-methylphenol	10.0		<11	<11	<11	<10	<10	<11
4-Chloroaniline	20.0		<22	<22	<21	<20	<21	<23 J
4-Chlorophenyl phenyl ether	10.0		<11	<11	<11	<10	<10	<11
4-Methylphenol	10.0		<11	<11	<11	<10	<10	<11
4-Nitroaniline	50.0		<54	<54	<53	<50 J	<53 J	<57
4-Nitrophenol	50.0		<54	<54	<53	<50	<53	<57
Acenaphthene	10.0		0.43	<11	<11	<10	1.0 JQ	<11
Acenaphthylene	10.0		<11	<11	<11	<10	<10	<11
Anthracene	10.0		<11	<11	<11	<10	<10	<11
Benz(a)anthracene	10.0		<11	<11	<11	<10	<10	<11
Benzo(a)pyrene	10.0		<11	<11	<11	<10	<10	<11
Benzo(b)fluoranthene	10.0		<11	<11	<11	<10	<10	<11
Benzo(g,h,i)perylene	10.0		<11	<11	<11	<10	<10	<11
Benzo(k)fluoranthene	10.0		<11	<11	<11	<10	<10	<11
Benzoic acid	50.0		<54	<54 J	<53	<50	<53	<57 R
Benzyl alcohol	20.0		<22	<22	<21	<20	<21	<23
Butyl benzyl phthalate	10.0		<11	<11	<11	<10	<10	<11
Chrysene	10.0		<11	<11	<11	<10	<10	<11
Di-n-butylphthalate	10.0		<11	<11	<11	<10	<10	<11
Di-n-octylphthalate	10.0		<11	<11	<11	<10	<10	<11
Dibenz(a,h)anthracene	10.0		<11	<11	<11	<10	<10	<11
Dibenzofuran	10.0		1.4	<11	<11	<10	1.8 JQ	<11
Diethylphthalate	10.0		<11	<11	<11	<10	<10	<11

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DATA SUMMARY TABLE
FIRST QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

	Quantitation Limits	Sample ID :	SD13-03	FDUP-4	SD13-05	SD13-06	SD13-07	P3A
		Sample Date :	13-APR-95	10-APR-95	10-APR-95	08-APR-95	08-APR-95	11-APR-95
		Notes:	Reanalysis of SD13-03	Duplicate of SD13-05				
PARAMETER/METHOD(UNITS)								
Dimethylphthalate	10.0		<11	<11	<11	<10	<10	<11
Fluoranthene	10.0		<11	<11	<11	<10	<10	<11
Fluorene	10.0		0.56	<11	<11	<10	0.80 JQ	<11
Hexachlorobenzene	10.0		<11	<11	<11	<10	<10	<11
Hexachlorobutadiene	10.0		<11	<11	<11	<10	<10	<11
Hexachlorocyclopentadiene	10.0		<11 J	<11 J	<11	<10	<10	<11
Hexachloroethane	10.0		<11	<11	<11	<10	<10	<11
Indeno(1,2,3-cd)pyrene	10.0		<11	<11	<11	<10	<10	<11
Isophorone	10.0		<11	<11	<11	<10	<10	<11
Naphthalene	10.0		5.3	<11	<11	<10	<10	<11
Nitrobenzene	10.0		<11	<11	<11	<10	<10	<11
Pentachlorophenol	30.0		<33	<32	<32	<30	<32	<34
Phenanthrene	10.0		<11	<11	<11	<10	<10	<11
Phenol	10.0		<11	<11	<11	<10	<10	<11
Pyrene	10.0		<11	<11	<11	<10	<10	<11
bis(2-Chloroethoxy)methane	10.0		<11	<11	<11	<10	<10	<11
bis(2-Chloroethyl)ether	10.0		<11	<11	<11	<10	<10	<11
bis(2-Chloroisopropyl)ether	10.0		<11	<11	<11	<10	<10	<11
bis(2-Ethylhexyl)phthalate	10.0		<11	<11	<11	<10	5.6 JQ	<11
n-Nitrosodinpropylamine	10.0		<11	<11	<11	<10	<10	<11
n-Nitrosodiphenylamine	10.0		<11	<11	<11	<10	<10	<11
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			61	65	57	76	74	69
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			54	59	47	75	67	71
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			51	53	49	83	84	43
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			53	58	54	70	77	63
sur-Phenol-d6 %R 10-94 R% (10 - 94)			53	55	49	65	66	27
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			63	65	58	75	72	74

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	T4A / 12-APR-95		T7 / 11-APR-95	P6A / 12-APR-95	1C / LSA1628-1 / 01-JUN-95	2C / LSA1628-1 / 01-JUN-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)									
Aluminum	500		4000	230000	J	12000	18000	-	-
Antimony	250		<250	<250	J	<250	<250	-	-
Barium	20.0		91	2000	J	120	160	-	-
Beryllium	3.00		<3.0	30	J	<3.0	<3.0	-	-
Cadmium	10.0		<10	94	J	<10	10	-	-
Calcium	100		120000	8700000	J	190000	630000	-	-
Chromium	50.0		<50	340	J	<50	<50	-	-
Cobalt	50.0		<50	280	J	<50	<50	-	-
Copper	50.0		<50	350	J	<50	<50	-	-
Iron	50.0		8300	520000	J	54000	22000	-	-
Magnesium	250		11000	95000	J	13000	11000	-	-
Manganese	10.0		450	23000	J	2000	1200	-	-
Molybdenum	50.0		<50	<50	J	<50	<50	-	-
Nickel	50.0		<50	530	J	<50	<50	-	-
Potassium	600		11000	33000	J	7400	3300	-	-
Silver	50.0		<50	61	J	<50	<50	-	-
Sodium	250		38000	16000	J	30000	39000	-	-
Vanadium	50.0		<50	810	J	70	84	-	-
Zinc	10.0		190	1200	J	67	50	-	-
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)									
Arsenic	5.00		<5.0	14	J	<5.0	<5.0	-	-
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)									
Lead &	5.00		<5.0	270	J	16	12	-	-
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)									
Mercury	0.500		<0.50	<0.50	J	<0.50	<0.50	-	-
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)									
Selenium	5.00		<5.0	<25	J	<5.0	<5.0	-	-
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)									
Thallium	2.00		<2.0	<2.0	J	<2.0	<2.0	-	-
HALOGENATED AND AROMATIC VOLATILES BY GC - SW8021/NONE (µg/L)									
Trichloroethene	1.00		-	-		-	-	19	9.4
% Surrogate Recovery (Control Limit)									
sur-1,4-Dichlorobutane %R 79-119 R% (79 - 119)			-	-		-	-	102.0	102.0
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/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		-	-		-	-	-	-
AR1248	1.00		-	-		-	-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	T4A / 12-APR-95	T7 / 11-APR-95	P6A / 12-APR-95	1C LSA1628-1 / 01-JUN-95	2C LSA1628-1 / 01-JUN-95
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 R% (33 - 186)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-	-
Acetone	10.0		-	-	-	-	-	-
Benzene	5.00		-	-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-	-
Bromoform	5.00		-	-	-	-	-	-
Bromomethane	10.0		-	-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-	-
Chloroform	5.00		-	-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-	-
Styrene	5.00		-	-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-	-
Toluene	5.00		-	-	-	-	-	-

TABLE 1-1

DATA SUMMARY TABLE
FIRST QUARTER
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	T4A 12-APR-95	T7 11-APR-95	P6A 12-APR-95	1C LSA1628-1 01-JUN-95	2C LSA1628-1 01-JUN-95
Trichloroethene	5.00		-	-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		<0.50	<0.50	<0.50	<0.50	-	-
1,1,2,2-Tetrachloroethane	0.500		<0.50	<0.50	<0.50	<0.50	-	-
1,1,2-Trichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	-	-
1,1-Dichloroethane	0.500		<0.50	<0.50	<0.50	0.41 JQ	-	-
1,1-Dichloroethene	0.500		<0.50	<0.50	<0.50	0.95	-	-
1,2-Dichloroethane	1.00		<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloropropane	0.500		<0.50	<0.50	<0.50	<0.50	-	-
2-Butanone	5.00		<5.0	<5.0	<5.0	<5.0	-	-
2-Chloroethyl vinyl ether	5.00		<5.0	<5.0	<5.0	<5.0	-	-
2-Hexanone	5.00		<5.0	<5.0	<5.0	<5.0	-	-
4-Methyl-2-pentanone	5.00		<5.0	<5.0	<5.0	<5.0	-	-
Acetone	5.00		<5.0	<5.0	<5.0	<5.0	-	-
Benzene	0.500		<0.50	1.3	<0.50	<0.50	-	-
Bromodichloromethane	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Bromoform	1.00		<1.0	<1.0	<1.0	<1.0	-	-
Bromomethane	2.00		<2.0	<2.0	<2.0	<2.0	-	-
Carbon disulfide	1.00		<1.0	<1.0	<1.0	<1.0	-	-
Carbon tetrachloride	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Chlorobenzene	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Chloroethane	2.00		<2.0	<2.0	<2.0	<2.0	-	-
Chloroform	0.500		<0.50	<0.50	<0.50	0.51	-	-
Chloromethane	2.00		<2.0	<2.0	<2.0	<2.0	-	-
Dibromochloromethane	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Ethylbenzene	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Methylene chloride	2.00		1.4 JB	1.8 JB	1.4 JB	1.7 JB	-	-
Styrene	0.500		<0.50	<0.50	<0.50	<0.50	-	-
Tetrachloroethene	0.500		<0.50	<0.50	<0.50	0.28	-	-
Toluene	0.500		0.57	1.5	<0.50	<0.50	-	-
Trichloroethene	0.500		<0.50	27	<0.50	0.80	-	-
Vinyl acetate	5.00		<5.0	<5.0	<5.0	<5.0	-	-
Vinyl chloride	2.00		<2.0	<2.0	<2.0	<2.0	-	-
Xylenes (total)	1.00		<1.0	<1.0	<1.0	<1.0	-	-
cis-1,2-Dichloroethene	0.500		<0.50	2.0	<0.50	0.74	-	-
cis-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	-	-
trans-1,2-Dichloroethene	0.500		<0.50	<0.50	<0.50	<0.50	-	-
trans-1,3-Dichloropropene	0.500		<0.50	<0.50	<0.50	<0.50	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	T4A / 12-APR-95	T7 / 11-APR-95	P6A / 12-APR-95	1C / LSA1628-1 / 01-JUN-95	2C / LSA1628-1 / 01-JUN-95
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			94	90	96	95	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			92	89	90	93	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	99	99	99	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<12	<12	<11	<10	-	-
1,2-Dichlorobenzene	10.0		<12	<12	<11	<10	-	-
1,3-Dichlorobenzene	10.0		<12	<12	<11	<10	-	-
1,4-Dichlorobenzene	10.0		<12	<12	<11	<10	-	-
2,4,5-Trichlorophenol	20.0		<24	<24	<22	<20	-	-
2,4,6-Trichlorophenol	10.0		<12	<12	<11	<10	-	-
2,4-Dichlorophenol	10.0		<12	<12	<11	<10	-	-
2,4-Dimethylphenol	10.0		<12	<12	<11	<10	-	-
2,4-Dinitrophenol	50.0		<59	<60	<56	<50	-	-
2,4-Dinitrotoluene	10.0		<12	<12	<11	<10	-	-
2,6-Dinitrotoluene	10.0		<12	<12	<11	<10	-	-
2-Chloronaphthalene	10.0		<12	<12	<11	<10	-	-
2-Chlorophenol	10.0		<12	<12	<11	<10	-	-
2-Methylnaphthalene	10.0		<12	<12	<11	<10	-	-
2-Methylphenol	10.0		<12	<12	<11	<10	-	-
2-Nitroaniline	50.0		<59	<60	<56	<50	-	-
2-Nitrophenol	10.0		<12	<12	<11	<10	-	-
3,3'-Dichlorobenzidine	20.0		<24	<24	<22	<20	-	-
3-Nitroaniline	50.0		<59	<60	<56	<50	-	-
4,6-Dinitro-2-methylphenol	50.0		<59	<60	<56	<50	-	-
4-Bromophenyl phenyl ether	10.0		<12	<12	<11	<10	-	-
4-Chloro-3-methylphenol	10.0		<12	<12	<11	<10	-	-
4-Chloroaniline	20.0		<24	<24	<22	<20	-	-
4-Chlorophenyl phenyl ether	10.0		<12	<12	<11	<10	-	-
4-Methylphenol	10.0		<12	<12	<11	<10	-	-
4-Nitroaniline	50.0		<59	<60 J	<56	<50 J	-	-
4-Nitrophenol	50.0		<59	<60 J	<56	<50 J	-	-
Acenaphthene	10.0		<12	<12	<11	<10	-	-
Acenaphthylene	10.0		<12	<12	<11	<10	-	-
Anthracene	10.0		<12	<12	<11	<10	-	-
Benz(a)anthracene	10.0		<12	<12	<11	<10	-	-
Benzo(a)pyrene	10.0		<12	<12	<11	<10	-	-
Benzo(b)fluoranthene	10.0		<12	<12	<11	<10	-	-
Benzo(g,h,i)perylene	10.0		<12	<12	<11	<10	-	-
Benzo(k)fluoranthene	10.0		<12	<12	<11	<10	-	-
Benzoic acid	50.0		<59 R	<60 R	<56 R	<50 R	-	-
Benzyl alcohol	20.0		<24	<24	<22	<20	-	-
Butyl benzyl phthalate	10.0		<12	<12	<11	<10	-	-
Chrysene	10.0		<12	<12	<11	<10	-	-
Di-n-butylphthalate	10.0		2.2 JQ	<12	<11	<10	-	-
Di-n-octylphthalate	10.0		<12	<12	<11	<10	-	-
Dibenz(a,h)anthracene	10.0		<12	<12	<11	<10	-	-
Dibenzofuran	10.0		<12	<12	<11	<10	-	-
Diethylphthalate	10.0		<12	<12	<11	<10	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	T4A 12-APR-95	T7 11-APR-95	P6A 12-APR-95	1C LSA1628-1 01-JUN-95	2C LSA1628-1 01-JUN-95
Dimethylphthalate	10.0		<12	<12	<11	<10	-	-
Fluoranthene	10.0		<12	<12	<11	<10	-	-
Fluorene	10.0		<12	<12	<11	<10	-	-
Hexachlorobenzene	10.0		<12	<12	<11	<10	-	-
Hexachlorobutadiene	10.0		<12	<12	<11	<10	-	-
Hexachlorocyclopentadiene	10.0		<12 J	<12	<11 J	<10	-	-
Hexachloroethane	10.0		<12	<12	<11	<10	-	-
Indeno(1,2,3-cd)pyrene	10.0		<12	<12	<11	<10	-	-
Isophorone	10.0		<12	<12	<11	<10	-	-
Naphthalene	10.0		<12	<12	<11	<10	-	-
Nitrobenzene	10.0		<12	<12	<11	<10	-	-
Pentachlorophenol	30.0		<35	<36	<34	<30	-	-
Phenanthrene	10.0		<12	<12	<11	<10	-	-
Phenol	10.0		<12	<12	<11	<10	-	-
Pyrene	10.0		<12	<12	<11	<10	-	-
bis(2-Chloroethoxy)methane	10.0		<12	<12	<11	<10	-	-
bis(2-Chloroethyl)ether	10.0		<12	<12	<11	<10	-	-
bis(2-Chloroisopropyl)ether	10.0		<12	<12	<11	<10	-	-
bis(2-Ethylhexyl)phthalate	10.0		<12	<12	<11	<10	-	-
n-Nitrosodinpropylamine	10.0		<12	<12	<11	<10	-	-
n-Nitrosodiphenylamine	10.0		<12	<12	<11	<10	-	-
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			76	26	77	50	-	-
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			72	51	66	50	-	-
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			49	32	59	57	-	-
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			70	53	66	48	-	-
sur-Phenol-d6 %R 10-94 R% (10 - 94)			43	25	51	51	-	-
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			74	54	74	51	-	-

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LSA1628-2 / 01-JUN-95	LSA1628-3 / 01-JUN-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)					
Aluminum	500		<500	<500	<500
Antimony	250		<250	<250	<250
Barium	20.0		300	670	390
Beryllium	3.00		<3.0	<3.0	<3.0
Cadmium	10.0		<10	<10	<10
Calcium	100		75000	77000	110000
Chromium	50.0		<50	<50	<50
Cobalt	50.0		<50	<50	<50
Copper	50.0		<50	<50	<50
Iron	50.0		9000	8200	2800 JL
Magnesium	250		20000	17000	14000
Manganese	10.0		630	380	2800
Molybdenum	50.0		<50	<50	<50
Nickel	50.0		<50	<50	<50
Potassium	600		2900	1700	1300
Silver	50.0		<50	<50	<50
Sodium	250		130000	180000	57000
Vanadium	50.0		<50	<50	<50
Zinc	10.0		<10	10	13
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)					
Arsenic	5.00		48	39	16 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)					
Lead &	5.00		31	17	<5.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)					
Mercury	0.500		<0.50	<0.50	<0.50
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)					
Selenium	5.00		<5.0	<5.0	<5.0
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)					
Thallium	2.00		<2.0	<2.0	<2.0
HALOGENATED AND AROMATIC VOLATILES BY GC - SW8021/NONE (µg/L)					
Trichloroethene	1.00		-	-	-
% Surrogate Recovery (Control Limit)					
sur-1,4-Dichlorobutane %R 79-119 R% (79 - 119)			-	-	-
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/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		-	-	-
AR1248	1.00		-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LSA1628-2 / 01-JUN-95	LSA1628-3 / 01-JUN-95
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 R% (33 - 186)			-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)					
1,1,1-Trichloroethane	5.00		<500	<50	<10
1,1,2,2-Tetrachloroethane	5.00		<500	<50	<10
1,1,2-Trichloroethane	5.00		<500	<50	<10
1,1-Dichloroethane	5.00		<500	<50	<10
1,1-Dichloroethene	5.00		<500	<50	<10
1,2-Dichloroethane	5.00		<500	<50	<10
1,2-Dichloropropane	5.00		<500	<50	<10
2-Butanone (MEK)	10.0		<1000	<100	<20
2-Chloroethyl vinyl ether	10.0		<1000	<100	<20
2-Hexanone	10.0		<1000	<100	<20
4-Methyl-2-pentanone	10.0		<1000	<100	<20
Acetone	10.0		<1000	<100	<20
Benzene	5.00		5800	1400	<10
Bromodichloromethane	5.00		<500	<50	<10
Bromoform	5.00		<500	<50	<10
Bromomethane	10.0		<1000	<100	<20
Carbon disulfide	5.00		<500	<50	<10
Carbon tetrachloride	5.00		<500	<50	<10
Chlorobenzene	5.00		<500	<50	<10
Chloroethane	10.0		<1000	<100	<20
Chloroform	5.00		<500	<50	<10
Chloromethane	10.0		<1000	<100	<20
Dibromochloromethane	5.00		<500	<50	<10
Ethylbenzene	5.00		680	210	<10
Methylene chloride	5.00		<500	<50	<10
Styrene	5.00		<500	<50	<10
Tetrachloroethene	5.00		<500	<50	<10
Toluene	5.00		12000	18	<10

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LSA1628-2 01-JUN-95	LSA1628-3 01-JUN-95
Trichloroethene	5.00		<500	54	390 J
Vinyl acetate	10.0		<1000	<100	<20
Vinyl chloride	10.0		<1000	<100	<20
Xylenes (total)	5.00		5800	260	<10
cis-1,2-Dichloroethene	5.00		<500	<50	62
cis-1,3-Dichloropropene	5.00		<500	<50	<10
trans-1,2-Dichloroethene	5.00		<500	33	17
trans-1,3-Dichloropropene	5.00		<500	<50	<10
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			103	106	106
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			103	104	103
sur-Toluene-d8 %R 88-110 R% (88 - 110)			106	105	104
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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		-	-	-
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		-	-	-

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LSA1628-2 01-JUN-95	LSA1628-3 01-JUN-95
% Surrogate Recovery (Control Limit)					
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)					
1,2,4-Trichlorobenzene	10.0		<115	<544	<11
1,2-Dichlorobenzene	10.0		<115	<544	<11
1,3-Dichlorobenzene	10.0		<115	<544	<11
1,4-Dichlorobenzene	10.0		<115	<544	<11
2,4,5-Trichlorophenol	20.0		<230	<1090	<21
2,4,6-Trichlorophenol	10.0		<115	<544	<11
2,4-Dichlorophenol	10.0		<115	<544	<11
2,4-Dimethylphenol	10.0		<115	<544	<11
2,4-Dinitrophenol	50.0		<574 J	<2720 J	<53 J
2,4-Dinitrotoluene	10.0		<115	<544	<11
2,6-Dinitrotoluene	10.0		<115	<544	<11
2-Chloronaphthalene	10.0		<115	<544	<11
2-Chlorophenol	10.0		<115	<544	<11
2-Methylnaphthalene	10.0		480	2100	<11
2-Methylphenol	10.0		<115	<544	<11
2-Nitroaniline	50.0		<574	<2720	<53
2-Nitrophenol	10.0		<115	<544	<11
3,3'-Dichlorobenzidine	20.0		<230 J	<1090 J	<21 J
3-Nitroaniline	50.0		<574	<2720	<53
4,6-Dinitro-2-methylphenol	50.0		<574	<2720	<53
4-Bromophenyl phenyl ether	10.0		<115	<544	<11
4-Chloro-3-methylphenol	10.0		<115	<544	<11
4-Chloroaniline	20.0		<230 J	<1090 J	<21 J
4-Chlorophenyl phenyl ether	10.0		<115	<544	<11
4-Methylphenol	10.0		<115	<544	<11
4-Nitroaniline	50.0		<574 J	<2720 J	<53 J
4-Nitrophenol	50.0		<574	<2720	<53
Acenaphthene	10.0		<115	110	<11
Acenaphthylene	10.0		<115	<544	<11
Anthracene	10.0		<115	<544	<11
Benz(a)anthracene	10.0		<115	<544	<11
Benzo(a)pyrene	10.0		<115	<544	<11
Benzo(b)fluoranthene	10.0		<115	<544	<11
Benzo(g,h,i)perylene	10.0		<115	<544	<11
Benzo(k)fluoranthene	10.0		<115	<544	<11
Benzoic acid	50.0		<574	<2720	<53
Benzyl alcohol	20.0		<230	<1090	<21
Butyl benzyl phthalate	10.0		<115	<544	<11
Chrysene	10.0		<115	<544	<11
Di-n-butylphthalate	10.0		<115	<544	0.57 JB
Di-n-octylphthalate	10.0		17	<544	<11
Dibenz(a,h)anthracene	10.0		<115	<544	<11
Dibenzofuran	10.0		<115	<544	<11
Diethylphthalate	10.0		<115	<544	<11

TABLE I-1

DATA SUMMARY TABLE
FIRST QUARTER
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	LSA1628-2 01-JUN-95	LSA1628-3 01-JUN-95
Dimethylphthalate	10.0		<115	<544	<11
Fluoranthene	10.0		4.5	<544	<11
Fluorene	10.0		<115	120	<11
Hexachlorobenzene	10.0		<115	<544	<11
Hexachlorobutadiene	10.0		<115	<544	<11
Hexachlorocyclopentadiene	10.0		<115	<544	<11
Hexachloroethane	10.0		<115	<544	<11
Indeno(1,2,3-cd)pyrene	10.0		<115	<544	<11
Isophorone	10.0		<115	<544	<11
Naphthalene	10.0		800	1400	<11
Nitrobenzene	10.0		<115	<544	<11
Pentachlorophenol	30.0		<345	<1630	<32
Phenanthrene	10.0		8.1	<544	<11
Phenol	10.0		<115	<544	<11
Pyrene	10.0		<115	<544	<11
bis(2-Chloroethoxy)methane	10.0		<115	<544	<11
bis(2-Chloroethyl)ether	10.0		<115	<544	<11
bis(2-Chloroisopropyl)ether	10.0		<115	<544	<11
bis(2-Ethylhexyl)phthalate	10.0		<115	<544	<11
n-Nitrosodinpropylamine	10.0		<115	<544	<11
n-Nitrosodiphenylamine	10.0		<115	<544	<11
% Surrogate Recovery (Control Limit)					
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			97	26	89
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			99	67	70
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			70	69	64
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			70	0	72
sur-Phenol-d6 %R 10-94 R% (10 - 94)			78	40	71
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			109	110	88

Data Qualification Flags/Notes:
J = Estimated quantitation 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/DATE: JLP 9/25/95
CHECKED/DATE: SDM 10/2/95

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APPENDIX I-2

SECOND QUARTER ANALYTICAL DATA SUMMARY TABLES

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
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-JUL-95	LF01-1C 14-JUL-95	LF01-1D 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		<500	<500	920	2140	1600
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		131	134	99.0	388	295
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		136000	154000	219000	107000	114000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		6740	11200	4540	2740	2140
Magnesium	250		6630	9260	11500	8600	8150
Manganese	10.0		452	1410	633	10100 J	7340 J
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		1300	<600	3070	707	<600
Silver	50.0		<50.0	<50.0	<50.0	<50.0	16600
Sodium	250		23700	26800	26100	16200	<250
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		<5.00	23.6	15.1	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
1,1,1-Trichloroethane	5.00		-	-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	-
2-Hexanone	10.0		-	-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-	-
Acetone	10.0		-	-	-	-	-
Benzene	5.00		-	-	-	-	-
Bromodichloromethane	5.00		-	-	-	-	-
Bromoform	5.00		-	-	-	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	LF01-1A	LF01-1C	LF01-1D	FDUP-5	LF01-1E
		Sample Date :	13-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95
		Notes:				Duplicate of LF01-1E	
Bromomethane	10.0		-	-	-	-	-
Carbon disulfide	5.00		-	-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-	-
Chlorobenzene	5.00		-	-	-	-	-
Chloroethane	10.0		-	-	-	-	-
Chloroform	5.00		-	-	-	-	-
Chloromethane	10.0		-	-	-	-	-
Dibromochloromethane	5.00		-	-	-	-	-
Ethylbenzene	5.00		-	-	-	-	-
Methylene chloride	5.00		-	-	-	-	-
Styrene	5.00		-	-	-	-	-
Tetrachloroethene	5.00		-	-	-	-	-
Toluene	5.00		-	-	-	-	-
Trichloroethene	5.00		-	-	-	-	-
Vinyl acetate	10.0		-	-	-	-	-
Vinyl chloride	10.0		-	-	-	-	-
Xylenes (total)	5.00		-	-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1,1-Trichloroethane	0.500		<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	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
2-Butanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
2-Chloroethyl vinyl ether	5.00		<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	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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-JUL-95	LF01-1C 14-JUL-95	LF01-1D 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95
Methylene chloride	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			94	93	92	92	94
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			90	96	94	92	92
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	100	99	101	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
1,2-Dichlorobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
1,3-Dichlorobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
1,4-Dichlorobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2,4,5-Trichlorophenol	20.0		<20.0	<20.4	<20.0	<20.6	<20.0
2,4,6-Trichlorophenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2,4-Dichlorophenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2,4-Dimethylphenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2,4-Dinitrophenol	50.0		<50.0 J	<51.0 J	<50.0 J	<51.6 J	<50.0 J
2,4-Dinitrotoluene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2,6-Dinitrotoluene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2-Chloronaphthalene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2-Chlorophenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2-Methylnaphthalene	10.0		<10.0	4.56 JQ	<10.0	<10.3	<10.0
2-Methylphenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
2-Nitroaniline	50.0		<50.0	<51.0	<50.0	<51.6	<50.0
2-Nitrophenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
3,3'-Dichlorobenzidine	20.0		<20.0	<20.4 J	<20.0 J	<20.6 J	<20.0 J
3-Nitroaniline	50.0		<50.0	<51.0	<50.0	<51.6	<50.0
4,6-Dinitro-2-methylphenol	50.0		<50.0	<51.0	<50.0	<51.6	<50.0
4-Bromophenyl phenyl ether	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
4-Chloro-3-methylphenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
4-Chloroaniline	20.0		<20.0 J	<20.4	<20.0	<20.6	<20.0
4-Chlorophenyl phenyl ether	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
4-Methylphenol	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
4-Nitroaniline	50.0		<50.0 J	<51.0 J	<50.0 J	<51.6 J	<50.0 J
4-Nitrophenol	50.0		<50.0	<51.0	<50.0	<51.6	<50.0
Acenaphthene	10.0		<10.0	3.54 JQ	<10.0	<10.3	<10.0
Acenaphthylene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Anthracene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Benz(a)anthracene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Benzo(a)pyrene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Benzo(b)fluoranthene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0

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DATA SUMMARY TABLE
SECOND QUARTER
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-JUL-95	LF01-1C 14-JUL-95	LF01-1D 14-JUL-95	FDUP-5 14-JUL-95 Duplicate of LF01-1E	LF01-1E 14-JUL-95
Benzo(g,h,i)perylene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Benzo(k)fluoranthene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Benzoic acid	50.0		<50.0 J	<51.0	<50.0	<51.6	<50.0
Benzyl alcohol	20.0		<20.0	<20.4	<20.0	<20.6	<20.0
Butyl benzyl phthalate	10.0		<10.0	4.77 JQ	8.13 JQ	7.17 JQ	7.76 JQ
Chrysene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Di-n-butylphthalate	10.0		0.881 JQ	<10.2	1.93 JH	1.09 JH	0.956 JH
Di-n-octylphthalate	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Dibenz(a,h)anthracene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Dibenzofuran	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Diethylphthalate	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Dimethylphthalate	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Fluoranthene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Fluorene	10.0		<10.0	0.384 JQ	<10.0	<10.3	<10.0
Hexachlorobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Hexachlorobutadiene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Hexachlorocyclopentadiene	10.0		<10.0 J	<10.2	<10.0	<10.3	<10.0
Hexachloroethane	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Isophorone	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Naphthalene	10.0		<10.0	0.872 JQ	<10.0	0.605 JQ	<10.0
Nitrobenzene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
Pentachlorophenol	30.0		<30.0	<30.6	<30.0	<30.9	<30.0
Phenanthrene	10.0		<10.0	2.34 JQ	<10.0	<10.3	<10.0
Phenol	10.0		7.81 J	<10.2	3.32 JQ	<10.3	<10.0
Pyrene	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
bis(2-Chloroethoxy)methane	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
bis(2-Chloroethyl)ether	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
bis(2-Chloroisopropyl)ether	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
bis(2-Ethylhexyl)phthalate	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
n-Nitrosodinpropylamine	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
n-Nitrosodiphenylamine	10.0		<10.0	<10.2	<10.0	<10.3	<10.0
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			77	79	77	47	43
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			75	81	82	82	79
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			64	71	79	28	29
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			82	80	91	87	90
sur-Phenol-d6 %R 10-94 R% (10 - 94)			71	73	79	48	47
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			69	92	101	93	93

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	LF04-4B 16-JUL-95	LF04-4D 16-JUL-95	LF04-4E 16-JUL-95	LF04-4F 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		2030	<500	<500	<500	<500
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		94.0	126	172	79.0	81.0
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		106000	124000	148000	135000	141000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		2390	154	308	156	65.0
Magnesium	250		<250	6390	8440	5660	5950
Manganese	10.0		4670	109	1600	122	98.0
Molybdenum	50.0		565	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		1190	1330	1860	1180	1200
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		31600	38700	25400	20900	19600
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	<10.0	12.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
1,1,1-Trichloroethane	5.00		-	-	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	5.00		-	-	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	5.00		-	-	<50.0	<50.0	<50.0
1,1-Dichloroethane	5.00		-	-	<50.0	<50.0	<50.0
1,1-Dichloroethene	5.00		-	-	<50.0	<50.0	<50.0
1,2-Dichloroethane	5.00		-	-	<50.0	<50.0	<50.0
1,2-Dichloropropane	5.00		-	-	<50.0	<50.0	<50.0
2-Butanone (MEK)	10.0		-	-	<100	<100	<100
2-Chloroethyl vinyl ether	10.0		-	-	<100	<100 J	<100 R
2-Hexanone	10.0		-	-	<100	<100	<100
4-Methyl-2-pentanone	10.0		-	-	<100	<100	<100
Acetone	10.0		-	-	<100	<100	<100
Benzene	5.00		-	-	<50.0	<50.0	<50.0
Bromodichloromethane	5.00		-	-	<50.0	<50.0	<50.0
Bromoform	5.00		-	-	<50.0	<50.0	<50.0

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	LF04-4B 16-JUL-95	LF04-4D 16-JUL-95	LF04-4E 16-JUL-95	LF04-4F 16-JUL-95
Bromomethane	10.0		-	-	<100	<100	<100
Carbon disulfide	5.00		-	-	<50.0	<50.0	<50.0
Carbon tetrachloride	5.00		-	-	<50.0	<50.0	<50.0
Chlorobenzene	5.00		-	-	<50.0	<50.0	<50.0
Chloroethane	10.0		-	-	<100	<100	<100
Chloroform	5.00		-	-	<50.0	<50.0	<50.0
Chloromethane	10.0		-	-	<100	<100	<100
Dibromochloromethane	5.00		-	-	<50.0	<50.0	<50.0
Ethylbenzene	5.00		-	-	<50.0	<50.0	<50.0
Methylene chloride	5.00		-	-	26.7 JQ	129	26.0 JQ
Styrene	5.00		-	-	<50.0	<50.0	<50.0
Tetrachloroethene	5.00		-	-	<50.0	<50.0	<50.0
Toluene	5.00		-	-	<50.0	<50.0	<50.0
Trichloroethene	5.00		-	-	1100	1630	1150
Vinyl acetate	10.0		-	-	<100	<100	<100
Vinyl chloride	10.0		-	-	<100	<100	<100
Xylenes (total)	5.00		-	-	<50.0	<50.0	<50.0
cis-1,2-Dichloroethene	5.00		-	-	370	354	247
cis-1,3-Dichloropropene	5.00		-	-	<50.0	<50.0	<50.0
trans-1,2-Dichloroethene	5.00		-	-	21.2 JQ	22.9 JQ	17.2 JQ
trans-1,3-Dichloropropene	5.00		-	-	<50.0	<50.0	<50.0
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	110	100	110
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	100	97	101
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	102	102	97
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		<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	-	-	-
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	-	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	LF04-4B 16-JUL-95	LF04-4D 16-JUL-95	LF04-4E 16-JUL-95	LF04-4F 16-JUL-95
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		<0.500	<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 R% (76 - 114)			93	95	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			89	93	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	98	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
1,2-Dichlorobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
1,3-Dichlorobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
1,4-Dichlorobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2,4,5-Trichlorophenol	20.0		<21.5	<20.0	<20.0	<20.0	<20.6
2,4,6-Trichlorophenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2,4-Dichlorophenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2,4-Dimethylphenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2,4-Dinitrophenol	50.0		<53.8 J	<50.0 J	<50.0 J	<50.0 J	<51.6 J
2,4-Dinitrotoluene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2,6-Dinitrotoluene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2-Chloronaphthalene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2-Chlorophenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2-Methylnaphthalene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2-Methylphenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
2-Nitroaniline	50.0		<53.8	<50.0	<50.0	<50.0	<51.6
2-Nitrophenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
3,3'-Dichlorobenzidine	20.0		<21.5 J	<20.0 J	<20.0	<20.0 J	<20.6 J
3-Nitroaniline	50.0		<53.8	<50.0	<50.0	<50.0	<51.6
4,6-Dinitro-2-methylphenol	50.0		<53.8	<50.0	<50.0	<50.0	<51.6
4-Bromophenyl phenyl ether	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
4-Chloro-3-methylphenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
4-Chloroaniline	20.0		<21.5	<20.0	<20.0	<20.0	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
4-Methylphenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
4-Nitroaniline	50.0		<53.8 J	<50.0 J	<50.0 J	<50.0 J	<51.6 J
4-Nitrophenol	50.0		<53.8	<50.0	<50.0 J	<50.0 J	<51.6 J
Acenaphthene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Acenaphthylene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Anthracene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Benz(a)anthracene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Benzo(a)pyrene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Benzo(b)fluoranthene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	LF04-4B 16-JUL-95	LF04-4D 16-JUL-95	LF04-4E 16-JUL-95	LF04-4F 16-JUL-95
Benzo(g,h,i)perylene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Benzo(k)fluoranthene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Benzoic acid	50.0		<53.8	<50.0	<50.0 J	<50.0	<51.6
Benzyl alcohol	20.0		<21.5	<20.0	<20.0	<20.0	<20.6
Butyl benzyl phthalate	10.0		2.63 JQ	<10.0	39.5	43.2	33.7
Chrysene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Di-n-butylphthalate	10.0		<10.8	<10.0	0.711 JQ	0.525 JQ	<10.3
Di-n-octylphthalate	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Dibenz(a,h)anthracene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Dibenzofuran	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Diethylphthalate	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Dimethylphthalate	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Fluoranthene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Fluorene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Hexachlorobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Hexachlorobutadiene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Hexachlorocyclopentadiene	10.0		<10.8	<10.0	<10.0 J	<10.0 J	<10.3 J
Hexachloroethane	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Isophorone	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Naphthalene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Nitrobenzene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Pentachlorophenol	30.0		<32.2	<30.0	<30.0	<30.0	<30.9
Phenanthrene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Phenol	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
Pyrene	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
bis(2-Chloroethyl)ether	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
bis(2-Ethylhexyl)phthalate	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
n-Nitrosodinpropylamine	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
n-Nitrosodiphenylamine	10.0		<10.8	<10.0	<10.0	<10.0	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			55	64	57	42	46
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			68	63	63	53	57
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			54	62	54	49	55
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			73	74	65	58	63
sur-Phenol-d6 %R 10-94 R% (10 - 94)			53	62	63	53	59
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			76	81	74	62	71

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	LF05-5D 13-JUL-95	LF05-5G 12-JUL-95	FT08-11A 14-JUL-95	FT08-11B 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		<500	1370	721	2720	<500
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		392	291	150	120	149
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		153000	191000	153000	137000	134000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		11800	17800	1020	2720	22900
Magnesium	250		11600	13500	14100	7280	10800
Manganese	10.0		1250	2180	140	160	1190
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		1770	5810	1580	1850	642
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		27000	15000	111000	19700	116000
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		22.0	34.6	<5.00	<5.00	31.4
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
1,1,1-Trichloroethane	5.00		<50.0	-	<50.0	-	-
1,1,2,2-Tetrachloroethane	5.00		<50.0	-	<50.0	-	-
1,1,2-Trichloroethane	5.00		<50.0	-	<50.0	-	-
1,1-Dichloroethane	5.00		<50.0	-	<50.0	-	-
1,1-Dichloroethene	5.00		<50.0	-	<50.0	-	-
1,2-Dichloroethane	5.00		<50.0	-	<50.0	-	-
1,2-Dichloropropane	5.00		<50.0	-	<50.0	-	-
2-Butanone (MEK)	10.0		<100	-	<100	-	-
2-Chloroethyl vinyl ether	10.0		<100 J	-	<100 J	-	-
2-Hexanone	10.0		<100	-	<100	-	-
4-Methyl-2-pentanone	10.0		<100	-	<100	-	-
Acetone	10.0		<100	-	<100	-	-
Benzene	5.00		<50.0	-	<50.0	-	-
Bromodichloromethane	5.00		<50.0	-	<50.0	-	-
Bromoform	5.00		<50.0	-	<50.0	-	-

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DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	LF05-5D 13-JUL-95	LF05-5G 12-JUL-95	FT08-11A 14-JUL-95	FT08-11B 14-JUL-95
Bromomethane	10.0		<100	-	<100	-	-
Carbon disulfide	5.00		<50.0	-	5.10 JQ	-	-
Carbon tetrachloride	5.00		<50.0	-	<50.0	-	-
Chlorobenzene	5.00		<50.0	-	<50.0	-	-
Chloroethane	10.0		<100	-	<100	-	-
Chloroform	5.00		<50.0	-	<50.0	-	-
Chloromethane	10.0		<100	-	<100	-	-
Dibromochloromethane	5.00		<50.0	-	<50.0	-	-
Ethylbenzene	5.00		<50.0	-	<50.0	-	-
Methylene chloride	5.00		<50.0	-	108	-	-
Styrene	5.00		<50.0	-	<50.0	-	-
Tetrachloroethene	5.00		<50.0	-	<50.0	-	-
Toluene	5.00		<50.0	-	<50.0	-	-
Trichloroethene	5.00		628	-	602	-	-
Vinyl acetate	10.0		<100	-	<100	-	-
Vinyl chloride	10.0		<100	-	<100	-	-
Xylenes (total)	5.00		<50.0	-	<50.0	-	-
cis-1,2-Dichloroethene	5.00		193	-	200	-	-
cis-1,3-Dichloropropene	5.00		<50.0	-	<50.0	-	-
trans-1,2-Dichloroethene	5.00		17.4 JQ	-	13.7 JQ	-	-
trans-1,3-Dichloropropene	5.00		<50.0	-	<50.0	-	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			106	-	102	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			102	-	100	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			102	-	102	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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	-	<5.00 R	<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		-	0.450 JQ	-	<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		-	4.57	-	<0.500	<0.500
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

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	LF05-5D 13-JUL-95	LF05-5G 12-JUL-95	FT08-11A 14-JUL-95	FT08-11B 14-JUL-95
Methylene chloride	2.00		-	<2.00	-	3.63 JB	1.51 JB
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		-	45.9	-	1.36	17.7
Vinyl acetate	5.00		-	<5.00	-	<5.00	<5.00
Vinyl chloride	2.00		-	2.65	-	<2.00	<2.00
Xylenes (total)	1.00		-	<1.00	-	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		-	23.4	-	1.62	13.6
cis-1,3-Dichloropropene	0.500		-	<0.500	-	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		-	5.21	-	<0.500	1.45
trans-1,3-Dichloropropene	0.500		-	<0.500	-	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	100	-	91	91
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	91	-	91	95
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	97	-	97	95
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
1,2-Dichlorobenzene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
1,3-Dichlorobenzene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
1,4-Dichlorobenzene	10.0		6.19 JQ	2.15 JQ	<10.2	<10.4	<10.0
2,4,5-Trichlorophenol	20.0		<21.1	<20.0	<20.4	<20.8	<20.0
2,4,6-Trichlorophenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2,4-Dichlorophenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2,4-Dimethylphenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2,4-Dinitrophenol	50.0		<52.6 J	<50.0 J	<51.0 J	<52.1 J	<50.0 J
2,4-Dinitrotoluene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2,6-Dinitrotoluene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2-Chloronaphthalene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2-Chlorophenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2-Methylnaphthalene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2-Methylphenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
2-Nitroaniline	50.0		<52.6	<50.0	<51.0	<52.1	<50.0
2-Nitrophenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
3,3'-Dichlorobenzidine	20.0		<21.1	<20.0	<20.4	<20.8 J	<20.0 J
3-Nitroaniline	50.0		<52.6	<50.0	<51.0	<52.1	<50.0
4,6-Dinitro-2-methylphenol	50.0		<52.6	<50.0	<51.0	<52.1	<50.0
4-Bromophenyl phenyl ether	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
4-Chloro-3-methylphenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
4-Chloroaniline	20.0		<21.1 J	<20.0 J	<20.4	<20.8	<20.0
4-Chlorophenyl phenyl ether	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
4-Methylphenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
4-Nitroaniline	50.0		<52.6 J	<50.0 J	<51.0 J	<52.1 J	<50.0 J
4-Nitrophenol	50.0		<52.6	<50.0	<51.0	<52.1	<50.0
Acenaphthene	10.0		2.36 JQ	<10.0	1.63 JQ	<10.4	<10.0
Acenaphthylene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Anthracene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Benz(a)anthracene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Benzo(a)pyrene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Benzo(b)fluoranthene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	LF05-5D 13-JUL-95	LF05-5G 12-JUL-95	FT08-11A 14-JUL-95	FT08-11B 14-JUL-95
Benzo(g,h,i)perylene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Benzo(k)fluoranthene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Benzoic acid	50.0		<52.6 J	<50.0 J	<51.0	<52.1	<50.0
Benzyl alcohol	20.0		<21.1	<20.0	<20.4	<20.8	<20.0
Butyl benzyl phthalate	10.0		7.88 JQ	12.6	2.86 JQ	3.78 JQ	17.6
Chrysene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Di-n-butylphthalate	10.0		0.946 JQ	0.728 JQ	<10.2	0.621 JH	1.40 JH
Di-n-octylphthalate	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Dibenz(a,h)anthracene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Dibenzofuran	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Diethylphthalate	10.0		1.56 JQ	<10.0	<10.2	<10.4	<10.0
Dimethylphthalate	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Fluoranthene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Fluorene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Hexachlorobenzene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Hexachlorobutadiene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Hexachlorocyclopentadiene	10.0		<10.5 J	<10.0 J	<10.2 J	<10.4 J	<10.0 J
Hexachloroethane	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Isophorone	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Naphthalene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Nitrobenzene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Pentachlorophenol	30.0		<31.6	<30.0	<30.6	<31.3	<30.0
Phenanthrene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Phenol	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
Pyrene	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
bis(2-Chloroethoxy)methane	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
bis(2-Chloroethyl)ether	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
bis(2-Chloroisopropyl)ether	10.0		<10.5	<10.0	<10.2 J	<10.4	<10.0
bis(2-Ethylhexyl)phthalate	10.0		<10.5	6.71 JQ	<10.2	<10.4	<10.0
n-Nitrosodinpropylamine	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
n-Nitrosodiphenylamine	10.0		<10.5	<10.0	<10.2	<10.4	<10.0
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			79	85	68	72	66
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			74	81	73	81	74
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			64	69	54	78	72
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			83	86	95	84	77
sur-Phenol-d6 %R 10-94 R% (10 - 94)			71	75	74	78	67
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			70	76	71	92	84

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-7	FT09-12A	FT09-12B	FT09-12C
		Sample Date :	13-JUL-95	13-JUL-95	12-JUL-95	12-JUL-95
		Notes:	Duplicate of FT09-12A			
METALS, TOTAL BY ICP/SW 6010 (µg/L)						
Aluminum	500		5400	4660	<500	4700
Antimony	250		<250	<250	<250	<250
Barium	20.0		121	131	139	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		153000	148000	143000	238000
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		5530	4760	2890	11400
Magnesium	250		4850	4680	4970	8090
Manganese	10.0		141	135	867	3150
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0
Potassium	600		1910	1760	<600	1790
Silver	50.0		<50.0	<50.0	<50.0	<50.0
Sodium	250		15100	15000	21700	23300
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	17.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)						
Arsenic	5.00		<5.00	<5.00	10.4	12.1
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)						
Lead	5.00		<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)						
Mercury	0.500		<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)						
Selenium	5.00		<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)						
Thallium	2.00		<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)						
1,1,1-Trichloroethane	5.00		-	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-
1,1,2-Trichloroethane	5.00		-	-	-	-
1,1-Dichloroethane	5.00		-	-	-	-
1,1-Dichloroethene	5.00		-	-	-	-
1,2-Dichloroethane	5.00		-	-	-	-
1,2-Dichloropropane	5.00		-	-	-	-
2-Butanone (MEK)	10.0		-	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-
2-Hexanone	10.0		-	-	-	-
4-Methyl-2-pentanone	10.0		-	-	-	-
Acetone	10.0		-	-	-	-
Benzene	5.00		-	-	-	-
Bromodichloromethane	5.00		-	-	-	-
Bromoform	5.00		-	-	-	-

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DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-7	FT09-12A	FT09-12B	FT09-12C
		Sample Date :	13-JUL-95	13-JUL-95	12-JUL-95	12-JUL-95
		Notes:	Duplicate of FT09-12A			
Bromomethane	10.0		-	-	-	-
Carbon disulfide	5.00		-	-	-	-
Carbon tetrachloride	5.00		-	-	-	-
Chlorobenzene	5.00		-	-	-	-
Chloroethane	10.0		-	-	-	-
Chloroform	5.00		-	-	-	-
Chloromethane	10.0		-	-	-	-
Dibromochloromethane	5.00		-	-	-	-
Ethylbenzene	5.00		-	-	-	-
Methylene chloride	5.00		-	-	-	-
Styrene	5.00		-	-	-	-
Tetrachloroethene	5.00		-	-	-	-
Toluene	5.00		-	-	-	-
Trichloroethene	5.00		-	-	-	-
Vinyl acetate	10.0		-	-	-	-
Vinyl chloride	10.0		-	-	-	-
Xylenes (total)	5.00		-	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	-	-
% Surrogate Recovery (Control Limit)						
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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	0.731
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	0.281 JQ	1.35
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
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

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-7	FT09-12A	FT09-12B	FT09-12C
		Sample Date :	13-JUL-95	13-JUL-95	12-JUL-95	12-JUL-95
		Notes:	Duplicate of FT09-12A			
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	5.64 JH	0.436
Toluene	0.500		<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	18.4 JH	1.26
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	5.60
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	4.08	34.6
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	0.436 JQ	<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 R% (76 - 114)			99	100	97	98
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	94	95	97
sur-Toluene-d8 %R 88-110 R% (88 - 110)			97	98	99	101
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)						
1,2,4-Trichlorobenzene	10.0		<10.0	<10.0	<10.8	<10.2
1,2-Dichlorobenzene	10.0		<10.0	<10.0	<10.8	<10.2
1,3-Dichlorobenzene	10.0		<10.0	<10.0	<10.8	<10.2
1,4-Dichlorobenzene	10.0		1.84 JQ	<10.0	<10.8	<10.2
2,4,5-Trichlorophenol	20.0		<20.0	<20.0	<21.5	<20.4
2,4,6-Trichlorophenol	10.0		<10.0	<10.0	<10.8	<10.2
2,4-Dichlorophenol	10.0		<10.0	<10.0	<10.8	<10.2
2,4-Dimethylphenol	10.0		<10.0	<10.0	<10.8	<10.2
2,4-Dinitrophenol	50.0		<50.0 J	<50.0 J	<53.8 J	<51.0 J
2,4-Dinitrotoluene	10.0		<10.0	<10.0	<10.8	<10.2
2,6-Dinitrotoluene	10.0		<10.0	<10.0	<10.8	<10.2
2-Chloronaphthalene	10.0		<10.0	<10.0	<10.8	<10.2
2-Chlorophenol	10.0		<10.0	<10.0	<10.8	<10.2
2-Methylnaphthalene	10.0		<10.0	<10.0	<10.8	<10.2
2-Methylphenol	10.0		<10.0	<10.0	<10.8	<10.2
2-Nitroaniline	50.0		<50.0	<50.0	<53.8	<51.0
2-Nitrophenol	10.0		<10.0	<10.0	<10.8	<10.2
3,3'-Dichlorobenzidine	20.0		<20.0	<20.0	<21.5	<20.4
3-Nitroaniline	50.0		<50.0	<50.0	<53.8	<51.0
4,6-Dinitro-2-methylphenol	50.0		<50.0	<50.0	<53.8	<51.0
4-Bromophenyl phenyl ether	10.0		<10.0	<10.0	<10.8	<10.2
4-Chloro-3-methylphenol	10.0		<10.0	<10.0	<10.8	<10.2
4-Chloroaniline	20.0		<20.0	<20.0 J	<21.5	<20.4
4-Chlorophenyl phenyl ether	10.0		<10.0	<10.0	<10.8	<10.2
4-Methylphenol	10.0		<10.0	<10.0	<10.8	7.74
4-Nitroaniline	50.0		<50.0 J	<50.0 J	<53.8 J	<51.0 J
4-Nitrophenol	50.0		<50.0	<50.0	<53.8	<51.0
Acenaphthene	10.0		<10.0	<10.0	<10.8	<10.2
Acenaphthylene	10.0		<10.0	<10.0	<10.8	<10.2
Anthracene	10.0		<10.0	<10.0	<10.8	<10.2
Benz(a)anthracene	10.0		<10.0	<10.0	<10.8	<10.2
Benzo(a)pyrene	10.0		<10.0	<10.0	<10.8	<10.2
Benzo(b)fluoranthene	10.0		<10.0	<10.0	<10.8	<10.2

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-7	FT09-12A	FT09-12B	FT09-12C
		Sample Date :	13-JUL-95	13-JUL-95	12-JUL-95	12-JUL-95
		Notes:	Duplicate of FT09-12A			
Benzo(g,h,i)perylene	10.0		<10.0	<10.0	<10.8	<10.2
Benzo(k)fluoranthene	10.0		<10.0	<10.0	<10.8	<10.2
Benzoic acid	50.0		<50.0 J	<50.0 J	<53.8	<51.0
Benzyl alcohol	20.0		<20.0	<20.0	<21.5	<20.4
Butyl benzyl phthalate	10.0		14.5	7.52 JQ	3.60 JQ	3.72
Chrysene	10.0		<10.0	<10.0	<10.8	<10.2
Di-n-butylphthalate	10.0		0.696 JQ	0.955 JQ	<10.8	<10.2
Di-n-octylphthalate	10.0		<10.0	<10.0	<10.8	<10.2
Dibenz(a,h)anthracene	10.0		<10.0	<10.0	<10.8	<10.2
Dibenzofuran	10.0		<10.0	<10.0	<10.8	<10.2
Diethylphthalate	10.0		<10.0	<10.0	<10.8	<10.2
Dimethylphthalate	10.0		<10.0	<10.0	<10.8	<10.2
Fluoranthene	10.0		<10.0	<10.0	<10.8	<10.2
Fluorene	10.0		<10.0	<10.0	<10.8	<10.2
Hexachlorobenzene	10.0		<10.0	<10.0	<10.8	<10.2
Hexachlorobutadiene	10.0		<10.0	<10.0	<10.8	<10.2
Hexachlorocyclopentadiene	10.0		<10.0 J	<10.0 J	<10.8 J	<10.2 J
Hexachloroethane	10.0		<10.0	<10.0	<10.8	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10.0	<10.0	<10.8	<10.2
Isophorone	10.0		<10.0	<10.0	<10.8	<10.2
Naphthalene	10.0		<10.0	<10.0	<10.8	<10.2
Nitrobenzene	10.0		<10.0	<10.0	<10.8	<10.2
Pentachlorophenol	30.0		<30.0	<30.0	<32.2	<30.6
Phenanthrene	10.0		<10.0	<10.0	<10.8	<10.2
Phenol	10.0		<10.0	<10.0	<10.8	3.74
Pyrene	10.0		<10.0	<10.0	<10.8	<10.2
bis(2-Chloroethoxy)methane	10.0		<10.0	<10.0	<10.8	<10.2
bis(2-Chloroethyl)ether	10.0		<10.0	<10.0	<10.8	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10.0	<10.0	<10.8 J	<10.2 J
bis(2-Ethylhexyl)phthalate	10.0		7.69 JQ	6.92 JQ	<10.8	<10.2
n-Nitrosodinpropylamine	10.0		<10.0	<10.0	<10.8	<10.2
n-Nitrosodiphenylamine	10.0		<10.0	<10.0	<10.8	<10.2
% Surrogate Recovery (Control Limit)						
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			79	78	57	69
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			80	76	70	75
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			71	64	65	75
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			92	80	82	91
sur-Phenol-d6 %R 10-94 R% (10 - 94)			78	69	71	80
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			79	69	74	79

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 / 13-JUL-95	ST14-02 / 13-JUL-95	ST14-03 / 13-JUL-95	ST14-04 / 12-JUL-95	ST14-W05 / 13-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		5990	8460	8000	17800	8650
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		270	183	159	332	291
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		186000	231000	200000	421000	304000
Chromium	50.0		283	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		31400	34000	14400	43500	15700
Magnesium	250		8700	8660	7990	11000	10600
Manganese	10.0		402	619	471	600	1500
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		202	<50.0	<50.0	<50.0	<50.0
Potassium	600		3760	3630	2700	4460	6890
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		20300	24900	25200	25600	21200
Vanadium	50.0		<50.0	61.0	<50.0	87.0	<50.0
Zinc	10.0		20.0	63.0	34.0	117	14.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		40.1	<5.00	9.63	32.3	8.31
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		12.6	29.7	9.99	40.8	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	5.23	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<5.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<5.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500

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DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	ST14-02 13-JUL-95	ST14-03 13-JUL-95	ST14-04 12-JUL-95	ST14-W05 13-JUL-95
2-Butanone	5.00		<5.00	<5.00	<5.00	<25.0	<5.00
2-Chloroethyl vinyl ether	5.00		<5.00	<5.00	<5.00	<25.0 R	<5.00
2-Hexanone	5.00		<5.00	<5.00	<5.00	<25.0	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<25.0	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<25.0	<5.00
Benzene	0.500		<0.500	26.0	<0.500	<2.50	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<5.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<10.0	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<5.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Chloroethane	2.00		<2.00	<2.00	<2.00	<10.0	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<10.0	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Methylene chloride	2.00		<2.00	1.44 JB	<2.00	9.70 JB	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<2.50	0.574
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<25.0	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<10.0	2.05
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<5.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<2.50	0.729
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<2.50	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			96	100	105	98	95
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	98	91	98	93
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	106	99	108	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
1,2-Dichlorobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
1,3-Dichlorobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
1,4-Dichlorobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2,4,5-Trichlorophenol	20.0		<21.5	<20.8	<20.6	<20.6	<20.8
2,4,6-Trichlorophenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2,4-Dichlorophenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2,4-Dimethylphenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2,4-Dinitrophenol	50.0		<53.8 J	<52.1 J	<51.6 J	<51.6 J	<52.1 J
2,4-Dinitrotoluene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2,6-Dinitrotoluene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2-Chloronaphthalene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2-Chlorophenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2-Methylnaphthalene	10.0		<10.8	1.55 JQ	<10.3	18.8	<10.4

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DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	ST14-02 13-JUL-95	ST14-03 13-JUL-95	ST14-04 12-JUL-95	ST14-W05 13-JUL-95
2-Methylphenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
2-Nitroaniline	50.0		<53.8	<52.1	<51.6	<51.6	<52.1
2-Nitrophenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
3,3'-Dichlorobenzidine	20.0		<21.5	<20.8	<20.6	<20.6	<20.8 J
3-Nitroaniline	50.0		<53.8	<52.1	<51.6	<51.6	<52.1
4,6-Dinitro-2-methylphenol	50.0		<53.8	<52.1	<51.6	<51.6	<52.1
4-Bromophenyl phenyl ether	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
4-Chloro-3-methylphenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
4-Chloroaniline	20.0		<21.5	<20.8	<20.6 J	<20.6	<20.8
4-Chlorophenyl phenyl ether	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
4-Methylphenol	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
4-Nitroaniline	50.0		<53.8 J	<52.1 J	<51.6 J	<51.6 J	<52.1 J
4-Nitrophenol	50.0		<53.8	<52.1	<51.6	<51.6	<52.1
Acenaphthene	10.0		<10.8	<10.4	<10.3	2.02 JQ	<10.4
Acenaphthylene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Anthracene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benz(a)anthracene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benzo(a)pyrene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benzo(b)fluoranthene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benzo(g,h,i)perylene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benzo(k)fluoranthene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Benzoic acid	50.0		<53.8 J	<52.1 J	<51.6 J	<51.6	<52.1 J
Benzyl alcohol	20.0		<21.5	<20.8	<20.6	<20.6	<20.8
Butyl benzyl phthalate	10.0		18.2	17.5	9.60 JQ	12.3	8.12 JQ
Chrysene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Di-n-butylphthalate	10.0		0.632 JB	0.619 JB	<10.3	<10.3	0.569 JB
Di-n-octylphthalate	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Dibenz(a,h)anthracene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Dibenzofuran	10.0		<10.8	<10.4	<10.3	2.43 JQ	<10.4
Diethylphthalate	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Dimethylphthalate	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Fluoranthene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Fluorene	10.0		<10.8	<10.4	<10.3	0.732 JQ	<10.4
Hexachlorobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Hexachlorobutadiene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Hexachlorocyclopentadiene	10.0		<10.8 J	<10.4 J	<10.3 J	<10.3 J	<10.4
Hexachloroethane	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Indeno(1,2,3-cd)pyrene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Isophorone	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Naphthalene	10.0		<10.8	<10.4	<10.3	2.44 JQ	<10.4
Nitrobenzene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Pentachlorophenol	30.0		<32.2	<31.3	<30.9	<30.9	<31.3
Phenanthrene	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
Phenol	10.0		<10.8	<10.4	<10.3	22.1	<10.4
Pyrene	10.0		<10.8	9.78 JQ	<10.3	<10.3	<10.4
bis(2-Chloroethoxy)methane	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
bis(2-Chloroethyl)ether	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
bis(2-Chloroisopropyl)ether	10.0		<10.8	<10.4	<10.3	<10.3 J	<10.4
bis(2-Ethylhexyl)phthalate	10.0		<10.8	3.99 JB	4.17 JQ	<10.3	8.29 JB
n-Nitrosodinpropylamine	10.0		<10.8	<10.4	<10.3	<10.3	<10.4
n-Nitrosodiphenylamine	10.0		<10.8	<10.4	<10.3	<10.3	<10.4

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DATA SUMMARY TABLE
SECOND QUARTER
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 / 13-JUL-95	ST14-02 / 13-JUL-95	ST14-03 / 13-JUL-95	ST14-04 / 12-JUL-95	ST14-W05 / 13-JUL-95
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			76	70	78	73	69
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			74	65	71	66	73
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			60	56	62	83	66
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			79	76	75	112	78
sur-Phenol-d6 %R 10-94 R% (10 - 94)			67	63	67	80	73
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			74	66	74	75	79

Data Qualification Flags/Notes:
J = Estimated quantitation 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
SECOND QUARTER
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 / 13-JUL-95	ST14-W07 / 13-JUL-95	ST14-W08 / 14-JUL-95	ST14-W09 / 13-JUL-95	ST14-W11 / 13-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		<500	<500	20800	<500	<500
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		204	121	191	111	71.0
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		115000	117000	266000	145000	127000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		271	<50.0	28900	191	1010
Magnesium	250		7520	9190	11400	7430	6240
Manganese	10.0		555	72.0	811	102	131
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		5220	5220	4320	1520	1700
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		19600	18900	24600	15100	24400
Vanadium	50.0		<50.0	<50.0	96.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	81.0	15.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		<5.00	<5.00	8.66	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	<5.00	31.2	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1,1-Trichloroethane	0.500		<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	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500

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DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	ST14-W07 13-JUL-95	ST14-W08 14-JUL-95	ST14-W09 13-JUL-95	ST14-W11 13-JUL-95
2-Butanone	5.00		<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	<5.00
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	0.776	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	0.545	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	1.94 JB	3.74	1.57 JB
Styrene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	0.267 JQ	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			97	96	99	100	99
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			92	92	93	90	90
sur-Toluene-d8 %R 88-110 R% (88 - 110)			99	98	109	97	99
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
1,2-Dichlorobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
1,3-Dichlorobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
1,4-Dichlorobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2,4,5-Trichlorophenol	20.0		<20.6	<20.0	<20.4	<21.7	<21.1
2,4,6-Trichlorophenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2,4-Dichlorophenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2,4-Dimethylphenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2,4-Dinitrophenol	50.0		<51.6 J	<50.0 J	<51.0 J	<54.4 J	<52.6 J
2,4-Dinitrotoluene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2,6-Dinitrotoluene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2-Chloronaphthalene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2-Chlorophenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2-Methylnaphthalene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 13-JUL-95	ST14-W07 13-JUL-95	ST14-W08 14-JUL-95	ST14-W09 13-JUL-95	ST14-W11 13-JUL-95
2-Methylphenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
2-Nitroaniline	50.0		<51.6	<50.0	<51.0	<54.4	<52.6
2-Nitrophenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
3,3'-Dichlorobenzidine	20.0		<20.6	<20.0	<20.4 J	<21.7	<21.1
3-Nitroaniline	50.0		<51.6	<50.0	<51.0	<54.4	<52.6
4,6-Dinitro-2-methylphenol	50.0		<51.6	<50.0	<51.0	<54.4	<52.6
4-Bromophenyl phenyl ether	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
4-Chloro-3-methylphenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
4-Chloroaniline	20.0		<20.6	<20.0	<20.4	<21.7 J	<21.1
4-Chlorophenyl phenyl ether	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
4-Methylphenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
4-Nitroaniline	50.0		<51.6 J	<50.0 J	<51.0 J	<54.4 J	<52.6 J
4-Nitrophenol	50.0		<51.6	<50.0	<51.0	<54.4	<52.6
Acenaphthene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Acenaphthylene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Anthracene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benz(a)anthracene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benzo(a)pyrene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benzo(b)fluoranthene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benzo(g,h,i)perylene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benzo(k)fluoranthene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Benzoic acid	50.0		<51.6 J	<50.0 J	<51.0	<54.4 J	<52.6 J
Benzyl alcohol	20.0		<20.6	<20.0	<20.4	<21.7	<21.1
Butyl benzyl phthalate	10.0		27.6	40.9	14.4	33.0	6.11 JQ
Chrysene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Di-n-butylphthalate	10.0		1.68 JB	0.921 JB	1.40 JH	2.29 JQ	<10.5
Di-n-octylphthalate	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Dibenz(a,h)anthracene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Dibenzofuran	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Diethylphthalate	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Dimethylphthalate	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Fluoranthene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Fluorene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Hexachlorobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Hexachlorobutadiene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Hexachlorocyclopentadiene	10.0		<10.3 J	<10.0 J	<10.2	<10.9 J	<10.5 J
Hexachloroethane	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Indeno(1,2,3-cd)pyrene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Isophorone	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Naphthalene	10.0		<10.3	<10.0	1.88 JQ	<10.9	<10.5
Nitrobenzene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Pentachlorophenol	30.0		<30.9	<30.0	<30.6	<32.6	<31.6
Phenanthrene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Phenol	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
Pyrene	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
bis(2-Chloroethoxy)methane	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
bis(2-Chloroethyl)ether	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
bis(2-Chloroisopropyl)ether	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
bis(2-Ethylhexyl)phthalate	10.0		11.9 JB	4.93 JB	<10.2	<10.9	<10.5
n-Nitrosodinpropylamine	10.0		<10.3	<10.0	<10.2	<10.9	<10.5
n-Nitrosodiphenylamine	10.0		<10.3	<10.0	<10.2	<10.9	<10.5

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W06	ST14-W07	ST14-W08	ST14-W09	ST14-W11
		Sample Date :	13-JUL-95	13-JUL-95	14-JUL-95	13-JUL-95	13-JUL-95
		Notes:					
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			59	77	80	73	75
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			71	73	78	75	71
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			45	60	75	66	60
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			77	82	85	84	79
sur-Phenol-d6 %R 10-94 R% (10 - 94)			51	67	74	73	67
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			71	77	97	68	74

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W13	ST14-W15	FDUP-6	ST14-W16	ST14-W19
		Sample Date :	13-JUL-95	12-JUL-95	12-JUL-95	12-JUL-95	13-JUL-95
		Notes:			Duplicate of ST14-W16		
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		1320	12600	2230 J	3870 J	9210
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		118	252	144	154	229
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		139000	182000	165000	193000	206000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		7920	41600	26300	33600	24700
Magnesium	250		7560	10200	7040	7490	7440
Manganese	10.0		274	427	503	595	316
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		3120	5830	1930	2250	2920
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		20000	19100	24500	24400	22500
Vanadium	50.0		<50.0	80.0	<50.0	<50.0	61.0
Zinc	10.0		<10.0	85.0	24.0 J	42.0 J	86.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		<5.00	10.7	36.1	31.8	16.5 JL
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	18.6	32.6 J	48.3 J	39.5
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1,1-Trichloroethane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
1,1,2,2-Tetrachloroethane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<4.00	<4.00	<2.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
1,1-Dichloroethene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
1,2-Dichloroethane	1.00		<1.00	<1.00	<4.00	<4.00	<2.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W13	ST14-W15	FDUP-6	ST14-W16	ST14-W19
		Sample Date :	13-JUL-95	12-JUL-95	12-JUL-95	12-JUL-95	13-JUL-95
		Notes:			Duplicate of ST14-W16		
2-Butanone	5.00		<5.00	<5.00	<20.0	<20.0	<10.0
2-Chloroethyl vinyl ether	5.00		<5.00	<5.00 R	<20.0 R	<20.0 R	<10.0
2-Hexanone	5.00		<5.00	<5.00	<20.0	<20.0	<10.0
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<20.0	<20.0	<10.0
Acetone	5.00		<5.00	<5.00	<20.0	<20.0	<10.0
Benzene	0.500		<0.500	<0.500	191	180	70.8 JH
Bromodichloromethane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Bromoform	1.00		<1.00	<1.00	<4.00	<4.00	<2.00
Bromomethane	2.00		<2.00	<2.00	<8.00	<8.00	<4.00
Carbon disulfide	1.00		<1.00	<1.00	<4.00	<4.00	<2.00
Carbon tetrachloride	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Chlorobenzene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Chloroethane	2.00		<2.00	<2.00	<8.00	<8.00	<4.00
Chloroform	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Chloromethane	2.00		<2.00	<2.00	<8.00	<8.00	<4.00
Dibromochloromethane	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Ethylbenzene	0.500		<0.500	<0.500	3.10	2.67	23.3
Methylene chloride	2.00		<2.00	1.63 JB	<8.00	<8.00	<4.00
Styrene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Tetrachloroethene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Toluene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Trichloroethene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
Vinyl acetate	5.00		<5.00	<5.00	<20.0	<20.0	<10.0
Vinyl chloride	2.00		<2.00	<2.00	<8.00	<8.00	<4.00
Xylenes (total)	1.00		<1.00	<1.00	<4.00	<4.00	8.66
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<2.00	<2.00	<1.00
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			97	90	106	90	105
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			96	86	97	98	95
sur-Toluene-d8 %R 88-110 R% (88 - 110)			101	97	102	102	108
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)							
1,2,4-Trichlorobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
1,2-Dichlorobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
1,3-Dichlorobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
1,4-Dichlorobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2,4,5-Trichlorophenol	20.0		<20.0	<20.2	<20.8	<20.4	<21.3
2,4,6-Trichlorophenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2,4-Dichlorophenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2,4-Dimethylphenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2,4-Dinitrophenol	50.0		<50.0 J	<50.5 J	<52.1 J	<51.0 J	<53.2 J
2,4-Dinitrotoluene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2,6-Dinitrotoluene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2-Chloronaphthalene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2-Chlorophenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2-Methylnaphthalene	10.0		3.21 JQ	<10.1	18.2	9.04 JQ	23.4

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W13	ST14-W15	FDUP-6	ST14-W16	ST14-W19
		Sample Date :	13-JUL-95	12-JUL-95	12-JUL-95	12-JUL-95	13-JUL-95
		Notes:			Duplicate of ST14-W16		
2-Methylphenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
2-Nitroaniline	50.0		<50.0	<50.5	<52.1	<51.0	<53.2
2-Nitrophenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
3,3'-Dichlorobenzidine	20.0		<20.0 J	<20.2 J	<20.8 J	<20.4	<21.3
3-Nitroaniline	50.0		<50.0	<50.5	<52.1	<51.0	<53.2
4,6-Dinitro-2-methylphenol	50.0		<50.0	<50.5	<52.1	<51.0	<53.2
4-Bromophenyl phenyl ether	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
4-Chloro-3-methylphenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
4-Chloroaniline	20.0		<20.0	<20.2	<20.8	<20.4	<21.3
4-Chlorophenyl phenyl ether	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
4-Methylphenol	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
4-Nitroaniline	50.0		<50.0 J	<50.5 J	<52.1 J	<51.0 J	<53.2 J
4-Nitrophenol	50.0		<50.0	<50.5 J	<52.1	<51.0	<53.2
Acenaphthene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Acenaphthylene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Anthracene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benz(a)anthracene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benzo(a)pyrene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benzo(b)fluoranthene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benzo(g,h,i)perylene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benzo(k)fluoranthene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Benzoic acid	50.0		<50.0 J	<50.5 J	<52.1	<51.0	<53.2 J
Benzyl alcohol	20.0		<20.0	<20.2	<20.8	<20.4	<21.3
Butyl benzyl phthalate	10.0		4.48 JQ	9.29 JQ	7.46 JQ	1.34 JQ	2.40 JQ
Chrysene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Di-n-butylphthalate	10.0		<10.0	2.11 JQ	0.575 JQ	<10.2	3.28 JB
Di-n-octylphthalate	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Dibenz(a,h)anthracene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Dibenzofuran	10.0		<10.0	<10.1	<10.4	<10.2	1.52 JQ
Diethylphthalate	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Dimethylphthalate	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Fluoranthene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Fluorene	10.0		<10.0	<10.1	<10.4	<10.2	0.287 JQ
Hexachlorobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Hexachlorobutadiene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Hexachlorocyclopentadiene	10.0		<10.0	<10.1 J	<10.4	<10.2 J	<10.6 J
Hexachloroethane	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Indeno(1,2,3-cd)pyrene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Isophorone	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Naphthalene	10.0		4.80 JQ	<10.1	45.1 J	22.8 J	22.2
Nitrobenzene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Pentachlorophenol	30.0		<30.0	<30.3	<31.3	<30.6	<31.9
Phenanthrene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
Phenol	10.0		<10.0	<10.1	15.3	10.1 JQ	<10.6
Pyrene	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
bis(2-Chloroethoxy)methane	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
bis(2-Chloroethyl)ether	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
bis(2-Chloroisopropyl)ether	10.0		<10.0	<10.1	<10.4	<10.2 J	<10.6
bis(2-Ethylhexyl)phthalate	10.0		<10.0	<10.1	6.91 JQ	7.08 JQ	<10.6
n-Nitrosodinpropylamine	10.0		<10.0	<10.1	<10.4	<10.2	<10.6
n-Nitrosodiphenylamine	10.0		<10.0	<10.1	<10.4	<10.2	<10.6

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	ST14-W13	ST14-W15	FDUP-6	ST14-W16	ST14-W19
		Sample Date :	13-JUL-95	12-JUL-95	12-JUL-95	12-JUL-95	13-JUL-95
		Notes:			Duplicate of ST14-W16		
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			69	89	75	64	75
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			73	81	77	74	70
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			69	65	72	70	64
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			88	86	84	87	81
sur-Phenol-d6 %R 10-94 R% (10 - 94)			73	68	74	77	71
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			84	84	89	67	73

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-3	ST14-W20	ST14-W21	ST14-W22	ST14-W23
		Sample Date :	12-JUL-95	12-JUL-95	12-JUL-95	14-JUL-95	12-JUL-95
		Notes:	Duplicate of ST14-W20				
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		9510	9750	19800	<500	11000
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		251	259	320	121	176
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		257000	298000	400000	151000	302000
Chromium	50.0		<50.0	<50.0	52.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		30000	31100	58500	1170	8310
Magnesium	250		8340	8560	10100	7100	6590
Manganese	10.0		568	609	1220	109	322
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	58.0	<50.0	<50.0
Potassium	600		2800	2900	4730	2460	3260
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		21200	20700	13200	19800	18600
Vanadium	50.0		<50.0	<50.0	88.0	<50.0	<50.0
Zinc	10.0		73.0	83.0	115	<10.0	31.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		48.7	47.5	17.8	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		23.6	26.0	40.0	<5.00	5.28
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)							
1,1,1-Trichloroethane	0.500		<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	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-3	ST14-W20	ST14-W21	ST14-W22	ST14-W23
		Sample Date :	12-JUL-95	12-JUL-95	12-JUL-95	14-JUL-95	12-JUL-95
		Notes:	Duplicate of ST14-W20				
2-Butanone	5.00		<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	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	0.500		3.15 J	12.6 J	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	4.30 JB	1.50 JB	<2.00	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	<0.500	0.940	<0.500
Toluene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	4.33	<0.500	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	0.585	<0.500	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			96	100	101	94	100
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			98	96	102	90	95
sur-Toluene-d8 %R 88-110 R% (88 - 110)			101	101	103	100	99
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
1,2-Dichlorobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
1,3-Dichlorobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
1,4-Dichlorobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2,4,5-Trichlorophenol	20.0		<20.0	<20.8	<20.8	<20.8	<20.2
2,4,6-Trichlorophenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2,4-Dichlorophenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2,4-Dimethylphenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2,4-Dinitrophenol	50.0		<50.0 J	<52.1 J	<52.1 J	<52.1 J	<50.5 J
2,4-Dinitrotoluene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2,6-Dinitrotoluene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2-Chloronaphthalene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2-Chlorophenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2-Methylnaphthalene	10.0		1.28 JQ	<10.4	<10.4	<10.4	<10.1

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

		Sample ID :	FDUP-3	ST14-W20	ST14-W21	ST14-W22	ST14-W23
		Sample Date :	12-JUL-95	12-JUL-95	12-JUL-95	14-JUL-95	12-JUL-95
	Quantitation	Notes:	Duplicate of ST14-W20				
PARAMETER/METHOD(UNITS)	Limits						
2-Methylphenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
2-Nitroaniline	50.0		<50.0	<52.1	<52.1	<52.1	<50.5
2-Nitrophenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
3,3'-Dichlorobenzidine	20.0		<20.0	<20.8	<20.8 J	<20.8 J	<20.2 J
3-Nitroaniline	50.0		<50.0	<52.1	<52.1	<52.1	<50.5
4,6-Dinitro-2-methylphenol	50.0		<50.0	<52.1	<52.1	<52.1	<50.5
4-Bromophenyl phenyl ether	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
4-Chloro-3-methylphenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
4-Chloroaniline	20.0		<20.0	<20.8	<20.8	<20.8	<20.2
4-Chlorophenyl phenyl ether	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
4-Methylphenol	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
4-Nitroaniline	50.0		<50.0 J	<52.1 J	<52.1 J	<52.1 J	<50.5 J
4-Nitrophenol	50.0		<50.0	<52.1	<52.1 J	<52.1	<50.5 J
Acenaphthene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Acenaphthylene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Anthracene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benz(a)anthracene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benzo(a)pyrene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benzo(b)fluoranthene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benzo(g,h,i)perylene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benzo(k)fluoranthene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Benzoic acid	50.0		<50.0	<52.1	<52.1 J	<52.1	<50.5 J
Benzyl alcohol	20.0		<20.0	<20.8	<20.8	<20.8	<20.2
Butyl benzyl phthalate	10.0		9.79 JQ	5.76 JQ	37.0	1.85 JQ	<10.1
Chrysene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Di-n-butylphthalate	10.0		1.19 JQ	1.04 JQ	0.995 JQ	<10.4	0.863 JQ
Di-n-octylphthalate	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Dibenz(a,h)anthracene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Dibenzofuran	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Diethylphthalate	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Dimethylphthalate	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Fluoranthene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Fluorene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Hexachlorobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Hexachlorobutadiene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Hexachlorocyclopentadiene	10.0		<10.0 J	<10.4 J	<10.4 J	<10.4	<10.1 J
Hexachloroethane	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Indeno(1,2,3-cd)pyrene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Isophorone	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Naphthalene	10.0		4.27 JQ	3.76 JQ	<10.4	<10.4	<10.1
Nitrobenzene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Pentachlorophenol	30.0		<30.0	<31.3	<31.3	<31.3	<30.3
Phenanthrene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
Phenol	10.0		<10.0	<10.4	7.19 JQ	<10.4	<10.1
Pyrene	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
bis(2-Chloroethoxy)methane	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
bis(2-Chloroethyl)ether	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
bis(2-Chloroisopropyl)ether	10.0		<10.0 J	<10.4 J	<10.4	<10.4	<10.1
bis(2-Ethylhexyl)phthalate	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
n-Nitrosodinpropylamine	10.0		<10.0	<10.4	<10.4	<10.4	<10.1
n-Nitrosodiphenylamine	10.0		<10.0	<10.4	<10.4	<10.4	<10.1

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-3	ST14-W20	ST14-W21	ST14-W22	ST14-W23
		Sample Date :	12-JUL-95	12-JUL-95	12-JUL-95	14-JUL-95	12-JUL-95
		Notes:	Duplicate of ST14-W20				
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			70	69	86	75	83
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			71	71	76	80	75
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			71	66	61	69	60
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			84	84	81	85	78
sur-Phenol-d6 %R 10-94 R% (10 - 94)			76	72	65	71	63
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			82	75	80	96	81

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	BSSA	FDUP-2	BSSB	MW-5	MW-7	MW-8
		Sample Date :	14-JUL-95	14-JUL-95	14-JUL-95	15-JUL-95	15-JUL-95	15-JUL-95
		Notes:		Duplicate of BSSB				
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		<500	867 J	616 J	1120	707	<500
Antimony	250		<250	<250	<250	<250	<250	<250
Barium	20.0		229	131	146	81.0	90.0	137
Beryllium	3.00		5560	<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		227000	158000	155000	82400	135000	115000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		22400	18900	16600	3520	927	693
Magnesium	250		8600	12700	12700	3780	17700	7760
Manganese	10.0		828	621	606	322	103	1760
Molybdenum	50.0		54100	<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		1920	1030	924	5080	1540	<600
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		<250	67100	67500	19300	70400	39400
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		1090	<10.0	<10.0	10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.00	54.7 J	40.3 J	71.8	<5.00	6.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		18.9	6.19	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	<1000	<1000	<10.0	-	-
1,1,2,2-Tetrachloroethane	5.00		-	<1000	<1000	<10.0	-	-
1,1,2-Trichloroethane	5.00		-	<1000	<1000	<10.0	-	-
1,1-Dichloroethane	5.00		-	<1000	<1000	<10.0	-	-
1,1-Dichloroethene	5.00		-	<1000	<1000	<10.0	-	-
1,2-Dichloroethane	5.00		-	<1000	<1000	<10.0	-	-
1,2-Dichloropropane	5.00		-	<1000	<1000	<10.0	-	-
2-Butanone (MEK)	10.0		-	<2000	<2000	<20.0	-	-
2-Chloroethyl vinyl ether	10.0		-	<2000 J	<2000 J	<20.0 J	-	-
2-Hexanone	10.0		-	<2000	<2000	<20.0	-	-
4-Methyl-2-pentanone	10.0		-	<2000	<2000	<20.0	-	-
Acetone	10.0		-	<2000	<2000	<20.0	-	-
Benzene	5.00		-	1600	1720	268	-	-
Bromodichloromethane	5.00		-	<1000	<1000	<10.0	-	-
Bromoform	5.00		-	<1000	<1000	<10.0	-	-

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	BSSA 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 14-JUL-95	MW-5 15-JUL-95	MW-7 15-JUL-95	MW-8 15-JUL-95
Bromomethane	10.0		-	<2000	<2000	<20.0	-	-
Carbon disulfide	5.00		-	<1000	<1000	<10.0	-	-
Carbon tetrachloride	5.00		-	<1000	<1000	<10.0	-	-
Chlorobenzene	5.00		-	<1000	<1000	<10.0	-	-
Chloroethane	10.0		-	<2000	<2000	<20.0	-	-
Chloroform	5.00		-	<1000	<1000	<10.0	-	-
Chloromethane	10.0		-	<2000	<2000	<20.0	-	-
Dibromochloromethane	5.00		-	<1000	<1000	<10.0	-	-
Ethylbenzene	5.00		-	1120	1170	88.1	-	-
Methylene chloride	5.00		-	1000	<1000	8.64 JB	-	-
Styrene	5.00		-	<1000	<1000	<10.0	-	-
Tetrachloroethene	5.00		-	<1000	<1000	<10.0	-	-
Toluene	5.00		-	8080	8990	122	-	-
Trichloroethene	5.00		-	<1000	<1000	<10.0	-	-
Vinyl acetate	10.0		-	<2000	<2000	<20.0	-	-
Vinyl chloride	10.0		-	<2000	<2000	<20.0	-	-
Xylenes (total)	5.00		-	5170	5530	43.2	-	-
cis-1,2-Dichloroethene	5.00		-	<1000	<1000	<10.0	-	-
cis-1,3-Dichloropropene	5.00		-	<1000	<1000	<10.0	-	-
trans-1,2-Dichloroethene	5.00		-	<1000	<1000	<10.0	-	-
trans-1,3-Dichloropropene	5.00		-	<1000	<1000	<10.0	-	-
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	107	110	107	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	104	102	99	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	100	102	101	-	-
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 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	<0.500
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
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

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	BSSA	FDUP-2	BSSB	MW-5	MW-7	MW-8
		Sample Date :	14-JUL-95	14-JUL-95	14-JUL-95	15-JUL-95	15-JUL-95	15-JUL-95
		Notes:		Duplicate of BSSB				
Methylene chloride	2.00		6.44 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	<0.500
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 R% (76 - 114)			91	-	-	-	97	94
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	-	-	-	91	91
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	-	-	-	97	98
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
1,2-Dichlorobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
1,3-Dichlorobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
1,4-Dichlorobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2,4,5-Trichlorophenol	20.0		<21.7	<200	<206	<20.0	<21.3	<21.5
2,4,6-Trichlorophenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2,4-Dichlorophenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2,4-Dimethylphenol	10.0		<10.9	<100	<103	14.6	<10.6	<10.8
2,4-Dinitrophenol	50.0		<54.4 J	<500 J	<516 J	<50.0 J	<53.2 J	<53.8 J
2,4-Dinitrotoluene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2,6-Dinitrotoluene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2-Chloronaphthalene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2-Chlorophenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2-Methylnaphthalene	10.0		<10.9	187	192	2.28 JQ	<10.6	<10.8
2-Methylphenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
2-Nitroaniline	50.0		<54.4	<500	<516	<50.0	<53.2	<53.8
2-Nitrophenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
3,3'-Dichlorobenzidine	20.0		<21.7 J	<200 J	<206 J	<20.0	<21.3	<21.5
3-Nitroaniline	50.0		<54.4	<500	<516	<50.0	<53.2 J	<53.8
4,6-Dinitro-2-methylphenol	50.0		<54.4	<500	<516	<50.0	<53.2	<53.8
4-Bromophenyl phenyl ether	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
4-Chloro-3-methylphenol	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
4-Chloroaniline	20.0		<21.7	<200	<206	<20.0	<21.3	<21.5
4-Chlorophenyl phenyl ether	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
4-Methylphenol	10.0		<10.9	35.8 JQ	<103	7.19 J	<10.6	<10.8
4-Nitroaniline	50.0		<54.4 J	<500 J	<516 J	<50.0 J	<53.2 J	<53.8 J
4-Nitrophenol	50.0		<54.4	<500	<516	<50.0 J	<53.2	<53.8 J
Acenaphthene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Acenaphthylene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Anthracene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Benz(a)anthracene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Benzo(a)pyrene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Benzo(b)fluoranthene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	BSSA 14-JUL-95	FDUP-2 14-JUL-95 Duplicate of BSSB	BSSB 14-JUL-95	MW-5 15-JUL-95	MW-7 15-JUL-95	MW-8 15-JUL-95
Benzo(g,h,i)perylene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Benzo(k)fluoranthene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Benzoic acid	50.0		<54.4	<500	<516	<50.0	<53.2	<53.8
Benzyl alcohol	20.0		<21.7	<200	<206	<20.0	<21.3	<21.5
Butyl benzyl phthalate	10.0		12.9	<100	<103	<10.0	2.09 JQ	7.40 JQ
Chrysene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Di-n-butylphthalate	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Di-n-octylphthalate	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Dibenz(a,h)anthracene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Dibenzofuran	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Diethylphthalate	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Dimethylphthalate	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Fluoranthene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Fluorene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Hexachlorobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Hexachlorobutadiene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Hexachlorocyclopentadiene	10.0		<10.9	<100	<103	<10.0 J	<10.6	<10.8 J
Hexachloroethane	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Indeno(1,2,3-cd)pyrene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Isophorone	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Naphthalene	10.0		1.58 JQ	583	583	15.4	<10.6	<10.8
Nitrobenzene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Pentachlorophenol	30.0		<32.6	<300	<309	<30.0	<31.9	<32.2
Phenanthrene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
Phenol	10.0		<10.9	<100	28.5 JQ	14.4	<10.6	2.78 JQ
Pyrene	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
bis(2-Chloroethoxy)methane	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
bis(2-Chloroethyl)ether	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
bis(2-Chloroisopropyl)ether	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
bis(2-Ethylhexyl)phthalate	10.0		<10.9	<100	<103	<10.0	4.95 JQ	4.16 JQ
n-Nitrosodinpropylamine	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
n-Nitrosodiphenylamine	10.0		<10.9	<100	<103	<10.0	<10.6	<10.8
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			70	107	107	69	60	66
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			78	129	126	58	71	65
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			67	74	56	67	63	63
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			82	88	90	70	74	69
sur-Phenol-d6 %R 10-94 R% (10 - 94)			67	80	80	71	62	66
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			94	137	137	72	90	72

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	MW-9	MW-10	MW-11	MW-12	FDUP-1	GMI04-01M
		Sample Date :	15-JUL-95	15-JUL-95	15-JUL-95	15-JUL-95	16-JUL-95	16-JUL-95
		Notes:					Duplicate of GMI04-01M	
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		<500	<500	3190	<500	<500	<500
Antimony	250		<250	<250	<250	<250	<250	<250
Barium	20.0		134	222	169	58.0	96.0	96.0
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		168000	197000	153000	27500	149000	150000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		2320	5380	4770	164	51.0	54.0
Magnesium	250		9600	14700	11000	7790	8320	8360
Manganese	10.0		2040	7070	633	152	121	121
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		964	<600	1230	<600	3610	3630
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		53500	61600	55700	44100	27200	27300
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	16.0	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.00	18.1	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.00	9.97	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	<500	-	-	<50.0	<50.0
1,1,2,2-Tetrachloroethane	5.00		-	<500	-	-	<50.0	<50.0
1,1,2-Trichloroethane	5.00		-	<500	-	-	<50.0	<50.0
1,1-Dichloroethane	5.00		-	<500	-	-	<50.0	<50.0
1,1-Dichloroethene	5.00		-	<500	-	-	<50.0	<50.0
1,2-Dichloroethane	5.00		-	<500	-	-	<50.0	<50.0
1,2-Dichloropropane	5.00		-	<500	-	-	<50.0	<50.0
2-Butanone (MEK)	10.0		-	<1000	-	-	<100	<100
2-Chloroethyl vinyl ether	10.0		-	<1000 J	-	-	<100	<100
2-Hexanone	10.0		-	<1000	-	-	<100	<100
4-Methyl-2-pentanone	10.0		-	<1000	-	-	<100	<100
Acetone	10.0		-	<1000	-	-	<100	<100
Benzene	5.00		-	5340	-	-	<50.0	<50.0
Bromodichloromethane	5.00		-	<500	-	-	<50.0	<50.0
Bromoform	5.00		-	<500	-	-	<50.0	<50.0

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 15-JUL-95	MW-10 15-JUL-95	MW-11 15-JUL-95	MW-12 15-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95
Bromomethane	10.0		-	<1000	-	-	<100	<100
Carbon disulfide	5.00		-	<500	-	-	<50.0	<50.0
Carbon tetrachloride	5.00		-	<500	-	-	<50.0	<50.0
Chlorobenzene	5.00		-	<500	-	-	<50.0	<50.0
Chloroethane	10.0		-	<1000	-	-	<100	<100
Chloroform	5.00		-	<500	-	-	<50.0	<50.0
Chloromethane	10.0		-	<1000	-	-	<100	<100
Dibromochloromethane	5.00		-	<500	-	-	<50.0	<50.0
Ethylbenzene	5.00		-	3830	-	-	<50.0	<50.0
Methylene chloride	5.00		-	348 JQ	-	-	58.2 J	40.4 J
Styrene	5.00		-	106 JQ	-	-	<50.0	<50.0
Tetrachloroethene	5.00		-	<500	-	-	<50.0	<50.0
Toluene	5.00		-	13200	-	-	<50.0	<50.0
Trichloroethene	5.00		-	<500	-	-	948	998
Vinyl acetate	10.0		-	<1000	-	-	<100	<100
Vinyl chloride	10.0		-	<1000	-	-	<100	<100
Xylenes (total)	5.00		-	11100	-	-	<50.0	<50.0
cis-1,2-Dichloroethene	5.00		-	<500	-	-	326	339
cis-1,3-Dichloropropene	5.00		-	<500	-	-	<50.0	<50.0
trans-1,2-Dichloroethene	5.00		-	<500	-	-	20.8 JQ	24.9 JQ
trans-1,3-Dichloropropene	5.00		-	<500	-	-	<50.0	<50.0
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	103	-	-	113	114
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	99	-	-	101	101
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	101	-	-	96	97
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 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	<0.500	-	-
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	-	-
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	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	MW-9	MW-10	MW-11	MW-12	FDUP-1	GM104-01M
		Sample Date :	15-JUL-95	15-JUL-95	15-JUL-95	15-JUL-95	16-JUL-95	16-JUL-95
		Notes:					Duplicate of GM104-01M	
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 R% (76 - 114)			95	-	94	95	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	-	92	94	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			97	-	98	98	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
1,2-Dichlorobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
1,3-Dichlorobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
1,4-Dichlorobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2,4,5-Trichlorophenol	20.0		<21.5	<105	<20.0	<21.3	<20.0	<20.0
2,4,6-Trichlorophenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2,4-Dichlorophenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2,4-Dimethylphenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2,4-Dinitrophenol	50.0		<53.8 J	<263 J	<50.0 J	<53.2 J	<50.0 J	<50.0 J
2,4-Dinitrotoluene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2,6-Dinitrotoluene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2-Chloronaphthalene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2-Chlorophenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2-Methylnaphthalene	10.0		<10.8	92.9	<10.0	<10.6	<10.0	<10.0
2-Methylphenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
2-Nitroaniline	50.0		<53.8	<263	<50.0	<53.2	<50.0	<50.0
2-Nitrophenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
3,3'-Dichlorobenzidine	20.0		<21.5	<105	<20.0	<21.3	<20.0 J	<20.0
3-Nitroaniline	50.0		<53.8	<263	<50.0	<53.2	<50.0	<50.0
4,6-Dinitro-2-methylphenol	50.0		<53.8	<263	<50.0	<53.2	<50.0	<50.0
4-Bromophenyl phenyl ether	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
4-Chloro-3-methylphenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
4-Chloroaniline	20.0		<21.5	<105	<20.0	<21.3	<20.0	<20.0
4-Chlorophenyl phenyl ether	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
4-Methylphenol	10.0		<10.8	15.2 JQ	<10.0	<10.6	<10.0	<10.0
4-Nitroaniline	50.0		<53.8 J	<263 J	<50.0 J	<53.2 J	<50.0 J	<50.0 J
4-Nitrophenol	50.0		<53.8 J	<263 J	<50.0 J	<53.2 J	<50.0 J	<50.0 J
Acenaphthene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Acenaphthylene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Anthracene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Benz(a)anthracene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Benzo(a)pyrene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Benzo(b)fluoranthene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 15-JUL-95	MW-10 15-JUL-95	MW-11 15-JUL-95	MW-12 15-JUL-95	FDUP-1 16-JUL-95 Duplicate of GMI04-01M	GMI04-01M 16-JUL-95
Benzo(g,h,i)perylene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Benzo(k)fluoranthene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Benzoic acid	50.0		<53.8	<263 J	<50.0	<53.2 J	<50.0	<50.0 J
Benzyl alcohol	20.0		<21.5	<105	<20.0	<21.3	<20.0	<20.0
Butyl benzyl phthalate	10.0		4.87 JQ	31.5 JQ	<10.0	<10.6	36.1	31.8
Chrysene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Di-n-butylphthalate	10.0		<10.8	<52.6	2.50 JQ	<10.6	<10.0	0.596 JQ
Di-n-octylphthalate	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Dibenz(a,h)anthracene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Dibenzofuran	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Diethylphthalate	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Dimethylphthalate	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Fluoranthene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Fluorene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Hexachlorobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Hexachlorobutadiene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Hexachlorocyclopentadiene	10.0		<10.8 J	<52.6 J	<10.0 J	<10.6 J	<10.0 J	<10.0 J
Hexachloroethane	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Indeno(1,2,3-cd)pyrene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Isophorone	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Naphthalene	10.0		<10.8	551	<10.0	<10.6	<10.0	<10.0
Nitrobenzene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Pentachlorophenol	30.0		<32.2	<158	<30.0	<31.9	<30.0	<30.0
Phenanthrene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Phenol	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
Pyrene	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
bis(2-Chloroethoxy)methane	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
bis(2-Chloroethyl)ether	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
bis(2-Chloroisopropyl)ether	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
bis(2-Ethylhexyl)phthalate	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
n-Nitrosodinpropylamine	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
n-Nitrosodiphenylamine	10.0		<10.8	<52.6	<10.0	<10.6	<10.0	<10.0
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			59	73	68	56	45	50
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			59	84	68	66	54	55
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			59	47	64	58	47	48
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			66	63	73	66	60	63
sur-Phenol-d6 %R 10-94 R% (10 - 94)			63	68	69	64	56	58
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			65	92	72	75	75	62

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	GMI22-01M 16-JUL-95	GMI22-02M 16-JUL-95	GMI22-03M 16-JUL-95	GMI22-04M 15-JUL-95	GM122-05M 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		<500	<500	<500	<500	1880
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		971	102	113	162	123
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		155000	116000	131000	125000	171000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		7220	114	233	119	2850
Magnesium	250		7670	5160	10500	9370	14600
Manganese	10.0		890	89.0	95.0	387	220
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		1310	1050	2440	1670	5460
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		67200	15400	106000	136000	83600
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	<10.0	<10.0	16.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		24.5	<5.00	<5.00	<5.00	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
1,1,1-Trichloroethane	5.00		-	-	-	<25.0	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	<25.0	-
1,1,2-Trichloroethane	5.00		-	-	-	<25.0	-
1,1-Dichloroethane	5.00		-	-	-	<25.0	-
1,1-Dichloroethene	5.00		-	-	-	<25.0	-
1,2-Dichloroethane	5.00		-	-	-	<25.0	-
1,2-Dichloropropane	5.00		-	-	-	<25.0	-
2-Butanone (MEK)	10.0		-	-	-	<50.0	-
2-Chloroethyl vinyl ether	10.0		-	-	-	<50.0	-
2-Hexanone	10.0		-	-	-	<50.0	-
4-Methyl-2-pentanone	10.0		-	-	-	<50.0	-
Acetone	10.0		-	-	-	<50.0	-
Benzene	5.00		-	-	-	<25.0	-
Bromodichloromethane	5.00		-	-	-	<25.0	-
Bromoform	5.00		-	-	-	<25.0	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	GMI22-01M 16-JUL-95	GMI22-02M 16-JUL-95	GMI22-03M 16-JUL-95	GMI22-04M 15-JUL-95	GMI22-05M 14-JUL-95
Bromomethane	10.0		-	-	-	<50.0	-
Carbon disulfide	5.00		-	-	-	<25.0	-
Carbon tetrachloride	5.00		-	-	-	<25.0	-
Chlorobenzene	5.00		-	-	-	<25.0	-
Chloroethane	10.0		-	-	-	<50.0	-
Chloroform	5.00		-	-	-	<25.0	-
Chloromethane	10.0		-	-	-	<50.0	-
Dibromochloromethane	5.00		-	-	-	<25.0	-
Ethylbenzene	5.00		-	-	-	<25.0	-
Methylene chloride	5.00		-	-	-	<25.0	-
Styrene	5.00		-	-	-	<25.0	-
Tetrachloroethene	5.00		-	-	-	<25.0	-
Toluene	5.00		-	-	-	<25.0	-
Trichloroethene	5.00		-	-	-	465	-
Vinyl acetate	10.0		-	-	-	<50.0	-
Vinyl chloride	10.0		-	-	-	<50.0	-
Xylenes (total)	5.00		-	-	-	<25.0	-
cis-1,2-Dichloroethene	5.00		-	-	-	66.5	-
cis-1,3-Dichloropropene	5.00		-	-	-	<25.0	-
trans-1,2-Dichloroethene	5.00		-	-	-	8.90 JQ	-
trans-1,3-Dichloropropene	5.00		-	-	-	<25.0	-
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	107	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	94	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	102	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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		1.89	<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
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		2.61	<0.500	<0.500	-	<0.500

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	GMI22-01M 16-JUL-95	GMI22-02M 16-JUL-95	GMI22-03M 16-JUL-95	GMI22-04M 15-JUL-95	GMI22-05M 14-JUL-95
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	14.3	-	<0.500
Toluene	0.500		5.61	<0.500	<0.500	-	<0.500
Trichloroethene	0.500		14.2	<0.500	28.8	-	<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		7.13	<1.00	<1.00	-	<1.00
cis-1,2-Dichloroethene	0.500		21.7	<0.500	27.8	-	<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	49.9	-	<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 R% (76 - 114)			97	94	98	-	90
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			90	92	92	-	92
sur-Toluene-d8 %R 88-110 R% (88 - 110)			100	99	99	-	98
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
1,2-Dichlorobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
1,3-Dichlorobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
1,4-Dichlorobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2,4,5-Trichlorophenol	20.0		<20.6	<20.8	<20.4	<20.8	<20.6
2,4,6-Trichlorophenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2,4-Dichlorophenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2,4-Dimethylphenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2,4-Dinitrophenol	50.0		<51.6 J	<52.1 J	<51.0 J	<52.1 J	<51.6 J
2,4-Dinitrotoluene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2,6-Dinitrotoluene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2-Chloronaphthalene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2-Chlorophenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2-Methylnaphthalene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2-Methylphenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
2-Nitroaniline	50.0		<51.6	<52.1	<51.0	<52.1	<51.6
2-Nitrophenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
3,3'-Dichlorobenzidine	20.0		<20.6 J	<20.8 J	<20.4	<20.8 J	<20.6 J
3-Nitroaniline	50.0		<51.6	<52.1	<51.0	<52.1	<51.6
4,6-Dinitro-2-methylphenol	50.0		<51.6	<52.1	<51.0	<52.1	<51.6
4-Bromophenyl phenyl ether	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
4-Chloro-3-methylphenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
4-Chloroaniline	20.0		<20.6	<20.8	<20.4	<20.8	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
4-Methylphenol	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
4-Nitroaniline	50.0		<51.6 J	<52.1 J	<51.0 J	<52.1 J	<51.6 J
4-Nitrophenol	50.0		<51.6	<52.1	<51.0 J	<52.1 J	<51.6
Acenaphthene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Acenaphthylene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Anthracene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Benz(a)anthracene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Benzo(a)pyrene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Benzo(b)fluoranthene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3

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DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	GMI22-01M	GMI22-02M	GMI22-03M	GMI22-04M	GM122-05M
		Sample Date :	16-JUL-95	16-JUL-95	16-JUL-95	15-JUL-95	14-JUL-95
		Notes:					
Benzo(g,h,i)perylene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Benzo(k)fluoranthene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Benzoic acid	50.0		<51.6	<52.1	<51.0 J	<52.1	<51 6
Benzyl alcohol	20.0		<20.6	<20.8	<20.4	<20.8	<20.6
Butyl benzyl phthalate	10.0		10.6	16.2	33.5	40.2	1.34 JQ
Chrysene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Di-n-butylphthalate	10.0		0.734 JQ	0.899 JQ	0.561 JQ	0.642 JQ	<10.3
Di-n-octylphthalate	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Dibenz(a,h)anthracene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Dibenzofuran	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Diethylphthalate	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Dimethylphthalate	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Fluoranthene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Fluorene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Hexachlorobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Hexachlorobutadiene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Hexachlorocyclopentadiene	10.0		<10.3	<10.4	<10.2 J	<10.4 J	<10.3 J
Hexachloroethane	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Isophorone	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Naphthalene	10.0		0.539 JQ	<10.4	<10.2	<10.4	<10.3
Nitrobenzene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Pentachlorophenol	30.0		<30.9	<31.3	<30.6	<31.3	<30.9
Phenanthrene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
Phenol	10.0		<10.3	3.79 JQ	<10.2	<10.4	<10.3
Pyrene	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
bis(2-Chloroethyl)ether	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
bis(2-Ethylhexyl)phthalate	10.0		11.5	5.62 JQ	<10.2	<10.4	<10.3
n-Nitrosodinpropylamine	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
n-Nitrosodiphenylamine	10.0		<10.3	<10.4	<10.2	<10.4	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			71	63	52	53	65
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			70	68	58	59	73
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			65	58	52	54	69
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			78	71	66	60	77
sur-Phenol-d6 %R 10-94 R% (10 - 94)			66	59	64	57	72
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			85	78	68	69	79

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	GMI22-06M	GMI22-07M	GMI22-08M	WP07-10B	WP07-10C
		Sample Date :	15-JUL-95	15-JUL-95	15-JUL-95	12-JUL-95	12-JUL-95
		Notes:					
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		28500	11800	9270	2480	<500
Antimony	250		<250	<250	<250	<250	<250
Barium	20.0		341	262	167	108	149
Beryllium	3.00		3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		484000	140000	70200	159000	162000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		72300	22600	18700	3550	14200
Magnesium	250		22000	15200	11900	8520	10400
Manganese	10.0		2290	1050	1160	149	670
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		53.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		8050	5350	4820	2230	2820
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		164000	33000	27600	21400	25300
Vanadium	50.0		131	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		82.0	35.0	26.0	31.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		5.04	<5.00	<5.00 JL	<5.00	47.8
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		19.4	12.2	10.4	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)							
1,1,1-Trichloroethane	5.00		<10.0	-	-	<100	<50.0
1,1,2,2-Tetrachloroethane	5.00		<10.0	-	-	<100	<50.0
1,1,2-Trichloroethane	5.00		<10.0	-	-	<100	<50.0
1,1-Dichloroethane	5.00		<10.0	-	-	<100	<50.0
1,1-Dichloroethene	5.00		<10.0	-	-	<100	<50.0
1,2-Dichloroethane	5.00		<10.0	-	-	<100	<50.0
1,2-Dichloropropane	5.00		<10.0	-	-	<100	<50.0
2-Butanone (MEK)	10.0		<20.0	-	-	<200	<100
2-Chloroethyl vinyl ether	10.0		<20.0 J	-	-	<200 J	<100 J
2-Hexanone	10.0		<20.0	-	-	<200	<100
4-Methyl-2-pentanone	10.0		<20.0	-	-	<200	<100
Acetone	10.0		<20.0	-	-	<200	<100
Benzene	5.00		0.924 JQ	-	-	<100	<50.0
Bromodichloromethane	5.00		<10.0	-	-	<100	<50.0
Bromoform	5.00		<10.0	-	-	<100	<50.0

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DATA SUMMARY TABLE
SECOND QUARTER
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 15-JUL-95	GMI22-07M 15-JUL-95	GMI22-08M 15-JUL-95	WP07-10B 12-JUL-95	WP07-10C 12-JUL-95
Bromomethane	10.0		<20.0	-	-	<200	<100
Carbon disulfide	5.00		<10.0	-	-	<100	<50.0
Carbon tetrachloride	5.00		<10.0	-	-	<100	<50.0
Chlorobenzene	5.00		<10.0	-	-	<100	<50.0
Chloroethane	10.0		<20.0	-	-	<200	<100
Chloroform	5.00		<10.0	-	-	<100	<50.0
Chloromethane	10.0		<20.0	-	-	<200	<100
Dibromochloromethane	5.00		<10.0	-	-	<100	<50.0
Ethylbenzene	5.00		<10.0	-	-	<100	<50.0
Methylene chloride	5.00		10.8 JB	-	-	<100	25.3
Styrene	5.00		<10.0	-	-	<100	<50.0
Tetrachloroethene	5.00		<10.0	-	-	<100	<50.0
Toluene	5.00		2.58 JQ	-	-	<100	<50.0
Trichloroethene	5.00		219	-	-	2180	653
Vinyl acetate	10.0		<20.0	-	-	<200	<100
Vinyl chloride	10.0		<20.0	-	-	<200	<100
Xylenes (total)	5.00		<10.0	-	-	<100	<50.0
cis-1,2-Dichloroethene	5.00		25.0	-	-	262	185
cis-1,3-Dichloropropene	5.00		<10.0	-	-	<100	<50.0
trans-1,2-Dichloroethene	5.00		25.7	-	-	21.8 JQ	11.0 JQ
trans-1,3-Dichloropropene	5.00		<10.0	-	-	<100	<50.0
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			112	-	-	103	100
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			101	-	-	103	98
sur-Toluene-d8 %R 88-110 R% (88 - 110)			102	-	-	101	101
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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		-	<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	-	-
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	-	-

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DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	GMI22-06M	GMI22-07M	GMI22-08M	WP07-10B	WP07-10C
		Sample Date :	15-JUL-95	15-JUL-95	15-JUL-95	12-JUL-95	12-JUL-95
		Notes:					
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		-	<0.500	<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 R% (76 - 114)			-	94	93	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	91	90	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	97	98	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
1,2-Dichlorobenzene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
1,3-Dichlorobenzene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
1,4-Dichlorobenzene	10.0		<10.9	<10.5	<10.6	<10.2	1.93 JQ
2,4,5-Trichlorophenol	20.0		<21.7	<21.1	<21.3	<20.4	<20.6
2,4,6-Trichlorophenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2,4-Dichlorophenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2,4-Dimethylphenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2,4-Dinitrophenol	50.0		<54.4 J	<52.6 J	<53.2 J	<51.0 J	<51.6 J
2,4-Dinitrotoluene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2,6-Dinitrotoluene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2-Chloronaphthalene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2-Chlorophenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2-Methylnaphthalene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2-Methylphenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
2-Nitroaniline	50.0		<54.4	<52.6	<53.2	<51.0	<51.6
2-Nitrophenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
3,3'-Dichlorobenzidine	20.0		<21.7 J	<21.1 J	<21.3	<20.4	<20.6
3-Nitroaniline	50.0		<54.4	<52.6	<53.2	<51.0	<51.6
4,6-Dinitro-2-methylphenol	50.0		<54.4	<52.6	<53.2	<51.0	<51.6
4-Bromophenyl phenyl ether	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
4-Chloro-3-methylphenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
4-Chloroaniline	20.0		<21.7	<21.1	<21.3	<20.4	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
4-Methylphenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
4-Nitroaniline	50.0		<54.4 J	<52.6 J	<53.2 J	<51.0 J	<51.6 J
4-Nitrophenol	50.0		<54.4	<52.6 J	<53.2 J	<51.0	<51.6
Acenaphthene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Acenaphthylene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Anthracene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Benz(a)anthracene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Benzo(a)pyrene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Benzo(b)fluoranthene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 15-JUL-95	GMI22-07M 15-JUL-95	GMI22-08M 15-JUL-95	WP07-10B 12-JUL-95	WP07-10C 12-JUL-95
Benzo(g,h,i)perylene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Benzo(k)fluoranthene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Benzoic acid	50.0		<54.4	<52.6	<53.2 J	<51.0	<51.6 J
Benzyl alcohol	20.0		<21.7	<21.1	<21.3	<20.4	<20.6
Butyl benzyl phthalate	10.0		23.7	2.05 JQ	1.97 JQ	6.62 JQ	14.4
Chrysene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Di-n-butylphthalate	10.0		0.870 JQ	0.959 JQ	1.11 JQ	<10.2	0.689 JQ
Di-n-octylphthalate	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Dibenz(a,h)anthracene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Dibenzofuran	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Diethylphthalate	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Dimethylphthalate	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Fluoranthene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Fluorene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Hexachlorobenzene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Hexachlorobutadiene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Hexachlorocyclopentadiene	10.0		<10.9	<10.5 J	<10.6 J	<10.2 J	<10.3 J
Hexachloroethane	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Isophorone	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Naphthalene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Nitrobenzene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Pentachlorophenol	30.0		<32.6	<31.6	<31.9	<30.6	<30.9
Phenanthrene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Phenol	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
Pyrene	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
bis(2-Chloroethyl)ether	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.9	<10.5	<10.6	<10.2 J	<10.3
bis(2-Ethylhexyl)phthalate	10.0		1.99 JQ	<10.5	<10.6	<10.2	7.35 JQ
n-Nitrosodinpropylamine	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
n-Nitrosodiphenylamine	10.0		<10.9	<10.5	<10.6	<10.2	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			59	44	52	63	84
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			67	46	67	72	81
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			48	39	55	64	70
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			73	44	70	87	91
sur-Phenol-d6 %R 10-94 R% (10 - 94)			60	43	62	71	77
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			80	58	77	80	80

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-02	SD13-03	FDUP-4
		Sample Date :	16-JUL-95	16-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	16-JUL-95
		Notes:	Duplicate of OT15C					Duplicate of SD13-05
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		<500	<500 J	3260	<500	2540	<500
Antimony	250		<250	<250	<250	<250	<250	<250
Barium	20.0		168	167	255	183	304	230
Beryllium	3.00		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Calcium	100		132000	131000	195000	130000	182000	140000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Iron	50.0		<50.0	<50.0	26500	2670	20700	<50.0
Magnesium	250		4150	4150	6400	5960	7360	4590
Manganese	10.0		222	223	348	422	285	106
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Potassium	600		2530	2530	1660	1900	1550	2140
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		27100	27200	21800	18600	22600	31300
Vanadium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc	10.0		<10.0	<10.0	28.0	<10.0	16.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.00	<5.00	36.8	15.1	37.7	<5.00
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.00	<5.00	14.4	<5.00	8.02	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/L)								
4,4'-DDD	0.100		<0.100	<0.100	-	-	-	-
4,4'-DDE	0.0400		<0.0400	<0.0400	-	-	-	-
4,4'-DDT	0.100		<0.100	<0.100	-	-	-	-
AR1016	1.00		<1.00	<1.00	-	-	-	-
AR1221	1.00		<1.00	<1.00	-	-	-	-
AR1232	1.00		<1.00	<1.00	-	-	-	-
AR1242	1.00		<1.00	<1.00	-	-	-	-
AR1248	1.00		<1.00	<1.00	-	-	-	-
AR1254	1.00		<1.00	<1.00	-	-	-	-
AR1260	1.00		<1.00	<1.00	-	-	-	-
Aldrin	0.0400		<0.0400	<0.0400	-	-	-	-
Chlordane	0.500		<0.500	<0.500	-	-	-	-
Dieldrin	0.0200		<0.0200	<0.0200	-	-	-	-
Endosulfan I	0.0500		<0.0500	<0.0500	-	-	-	-
Endosulfan II	0.0400		<0.0400	<0.0400	-	-	-	-

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DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-02	SD13-03	FDUP-4
		Sample Date :	16-JUL-95	16-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	16-JUL-95
		Notes:	Duplicate of OT15C					Duplicate of SD13-05
Endosulfan sulfate	0.100		<0.100	<0.100	-	-	-	-
Endrin	0.0600		<0.0600	<0.0600	-	-	-	-
Endrin aldehyde	0.100		<0.100	<0.100	-	-	-	-
Heptachlor	0.0300		<0.0300	<0.0300	-	-	-	-
Heptachlor epoxide	0.0500		<0.0500	<0.0500	-	-	-	-
Methoxychlor	0.500		<0.500	<0.500	-	-	-	-
Toxaphene	2.00		<2.00	<2.00	-	-	-	-
alpha-BHC	0.0300		<0.0300	<0.0300	-	-	-	-
beta-BHC	0.0500		<0.0500	<0.0500	-	-	-	-
delta-BHC	0.0500		<0.0500	<0.0500	-	-	-	-
gamma-BHC (Lindane)	0.0400		<0.0400	<0.0400	-	-	-	-
% Surrogate Recovery (Control Limit)								
sur-Dibutylchlorendate %R 33-186 R% (33 - 186)			104	101	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	-	-	<5.00	-
1,1,2,2-Tetrachloroethane	5.00		-	-	-	-	<5.00	-
1,1,2-Trichloroethane	5.00		-	-	-	-	<5.00	-
1,1-Dichloroethane	5.00		-	-	-	-	<5.00	-
1,1-Dichloroethene	5.00		-	-	-	-	<5.00	-
1,2-Dichloroethane	5.00		-	-	-	-	<5.00	-
1,2-Dichloropropane	5.00		-	-	-	-	<5.00	-
2-Butanone (MEK)	10.0		-	-	-	-	<10.0	-
2-Chloroethyl vinyl ether	10.0		-	-	-	-	<10.0	-
2-Hexanone	10.0		-	-	-	-	<10.0	-
4-Methyl-2-pentanone	10.0		-	-	-	-	<10.0	-
Acetone	10.0		-	-	-	-	<10.0	-
Benzene	5.00		-	-	-	-	<5.00	-
Bromodichloromethane	5.00		-	-	-	-	<5.00	-
Bromoform	5.00		-	-	-	-	<5.00	-
Bromomethane	10.0		-	-	-	-	<10.0	-
Carbon disulfide	5.00		-	-	-	-	<5.00	-
Carbon tetrachloride	5.00		-	-	-	-	<5.00	-
Chlorobenzene	5.00		-	-	-	-	<5.00	-
Chloroethane	10.0		-	-	-	-	<10.0	-
Chloroform	5.00		-	-	-	-	<5.00	-
Chloromethane	10.0		-	-	-	-	<10.0	-
Dibromochloromethane	5.00		-	-	-	-	<5.00	-
Ethylbenzene	5.00		-	-	-	-	<5.00	-
Methylene chloride	5.00		-	-	-	-	2.58 JB	-
Styrene	5.00		-	-	-	-	<5.00	-
Tetrachloroethene	5.00		-	-	-	-	<5.00	-
Toluene	5.00		-	-	-	-	<5.00	-
Trichloroethene	5.00		-	-	-	-	<5.00	-
Vinyl acetate	10.0		-	-	-	-	<10.0	-
Vinyl chloride	10.0		-	-	-	-	<10.0	-
Xylenes (total)	5.00		-	-	-	-	<5.00	-
cis-1,2-Dichloroethene	5.00		-	-	-	-	<5.00	-
cis-1,3-Dichloropropene	5.00		-	-	-	-	<5.00	-
trans-1,2-Dichloroethene	5.00		-	-	-	-	<5.00	-
trans-1,3-Dichloropropene	5.00		-	-	-	-	<5.00	-

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-02	SD13-03	FDUP-4
		Sample Date :	16-JUL-95	16-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	16-JUL-95
		Notes:	Duplicate of OT15C					Duplicate of SD13-05
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	-	-	104	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	-	-	96	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	-	-	108	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/L)								
1,1,1-Trichloroethane	0.500		<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	-	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	-	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	<1.00	<1.00	-	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
2-Butanone	5.00		<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	-	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	<5.00	<5.00	-	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	<5.00	<5.00	-	<5.00
Acetone	5.00		<5.00	<5.00	<5.00	<5.00	-	<5.00
Benzene	0.500		0.625	0.777	<0.500	<0.500	-	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
Bromoform	1.00		<1.00	<1.00	<1.00	<1.00	-	<1.00
Bromomethane	2.00		<2.00	<2.00	<2.00	<2.00	-	<2.00
Carbon disulfide	1.00		<1.00	<1.00	<1.00	<1.00	-	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
Chlorobenzene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
Chloroethane	2.00		<2.00	<2.00	<2.00	<2.00	-	<2.00
Chloroform	0.500		<0.500	<0.500	<0.500	<0.500	-	0.273 JQ
Chloromethane	2.00		<2.00	<2.00	<2.00	<2.00	-	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
Ethylbenzene	0.500		0.539	0.673	<0.500	<0.500	-	<0.500
Methylene chloride	2.00		<2.00	<2.00	<2.00	6.18 JB	-	<2.00
Styrene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
Tetrachloroethene	0.500		0.668	0.747	<0.500	<0.500	-	<0.500
Toluene	0.500		5.11	6.44	<0.500	<0.500	-	<0.500
Trichloroethene	0.500		1.53 J	3.64 J	<0.500	<0.500	-	<0.500
Vinyl acetate	5.00		<5.00	<5.00	<5.00	<5.00	-	<5.00
Vinyl chloride	2.00		<2.00	<2.00	<2.00	<2.00	-	<2.00
Xylenes (total)	1.00		2.69	3.61	<1.00	<1.00	-	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	0.925	<0.500	<0.500	-	<0.500
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	<0.500	<0.500	-	<0.500
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			95	92	106	96	-	96
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			92	90	109	94	-	94
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	97	102	101	-	99
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)								
1,2,4-Trichlorobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
1,2-Dichlorobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-02	SD13-03	FDUP-4
		Sample Date :	16-JUL-95	16-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	16-JUL-95
		Notes:	Duplicate of OT15C					Duplicate of SD13-05
1,3-Dichlorobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
1,4-Dichlorobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2,4,5-Trichlorophenol	20.0		<20.8	<20.4	<20.6	<20.4	<21.1	<20.4
2,4,6-Trichlorophenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2,4-Dichlorophenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2,4-Dimethylphenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2,4-Dinitrophenol	50.0		<52.1 J	<51.0 J	<51.6 J	<51.0 J	<52.6 J	<51.0 J
2,4-Dinitrotoluene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2,6-Dinitrotoluene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2-Chloronaphthalene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2-Chlorophenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2-Methylnaphthalene	10.0		<10.4	<10.2	15.8	<10.2	16.1	<10.2
2-Methylphenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
2-Nitroaniline	50.0		<52.1	<51.0	<51.6	<51.0	<52.6	<51.0
2-Nitrophenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
3,3'-Dichlorobenzidine	20.0		<20.8	<20.4	<20.6 J	<20.4 J	<21.1 J	<20.4
3-Nitroaniline	50.0		<52.1	<51.0	<51.6	<51.0	<52.6	<51.0
4,6-Dinitro-2-methylphenol	50.0		<52.1	<51.0	<51.6	<51.0	<52.6	<51.0
4-Bromophenyl phenyl ether	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
4-Chloro-3-methylphenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
4-Chloroaniline	20.0		<20.8	<20.4	<20.6	<20.4	<21.1	<20.4
4-Chlorophenyl phenyl ether	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
4-Methylphenol	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
4-Nitroaniline	50.0		<52.1 J	<51.0 J	<51.6 J	<51.0 J	<52.6 J	<51.0 J
4-Nitrophenol	50.0		<52.1 J	<51.0 J	<51.6	<51.0	<52.6	<51.0 J
Acenaphthene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Acenaphthylene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Anthracene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benz(a)anthracene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benzo(a)pyrene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benzo(b)fluoranthene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benzo(g,h,i)perylene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benzo(k)fluoranthene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Benzoic acid	50.0		<52.1 J	<51.0 J	<51.6	<51.0	<52.6	<51.0
Benzyl alcohol	20.0		<20.8	<20.4	<20.6	<20.4	<21.1	<20.4
Butyl benzyl phthalate	10.0		53.0	53.3	41.9	<10.2	3.79 JQ	5.96 JQ
Chrysene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Di-n-butylphthalate	10.0		1.64 JQ	<10.2	0.747 JH	<10.2	<10.5	<10.2
Di-n-octylphthalate	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Dibenz(a,h)anthracene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Dibenzofuran	10.0		<10.4	<10.2	1.89 JQ	<10.2	2.06 JQ	<10.2
Diethylphthalate	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Dimethylphthalate	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Fluoranthene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Fluorene	10.0		<10.4	<10.2	0.531 JQ	<10.2	<10.5	<10.2
Hexachlorobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Hexachlorobutadiene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Hexachlorocyclopentadiene	10.0		<10.4 J	<10.2 J	<10.3	<10.2	<10.5	<10.2 J
Hexachloroethane	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Indeno(1,2,3-cd)pyrene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Isophorone	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Naphthalene	10.0		<10.4	<10.2	0.743 JQ	<10.2	5.05 JQ	<10.2

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	FDUP-8	OT15C	SD13-01	SD13-02	SD13-03	FDUP-4
		Sample Date :	16-JUL-95	16-JUL-95	14-JUL-95	14-JUL-95	14-JUL-95	16-JUL-95
		Notes:	Duplicate of OT15C					Duplicate of SD13-05
Nitrobenzene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Pentachlorophenol	30.0		<31.3	<30.6	<30.9	<30.6	<31.6	<30.6
Phenanthrene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
Phenol	10.0		<10.4	<10.2	9.32 JQ	<10.2	<10.5	<10.2
Pyrene	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
bis(2-Chloroethoxy)methane	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
bis(2-Chloroethyl)ether	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
bis(2-Chloroisopropyl)ether	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
bis(2-Ethylhexyl)phthalate	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
n-Nitrosodipropylamine	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
n-Nitrosodiphenylamine	10.0		<10.4	<10.2	<10.3	<10.2	<10.5	<10.2
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			52	56	84	80	72	59
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			63	62	81	77	73	62
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			57	55	73	72	72	61
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			68	61	83	85	86	67
sur-Phenol-d6 %R 10-94 R% (10 - 94)			62	61	72	71	74	66
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			75	75	95	99	87	67

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	SD13-06 15-JUL-95	SD13-07 16-JUL-95	P3A 15-JUL-95	T3 14-JUL-95	T4A 14-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)								
Aluminum	500		<500	664	<500	29100	27700	72100
Antimony	250		<250	<250	<250	<250	<250	<2500
Barium	20.0		208	266	186	370	240	<200
Beryllium	3.00		<3.00	<3.00	<3.00	4.00	3.00	<30.0
Cadmium	10.0		<10.0	<10.0	<10.0	<10.0	<10.0	16.0
Calcium	100		139000	206000	<100	35300	<1000	<1000
Chromium	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<500
Cobalt	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	123
Copper	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<500
Iron	50.0		<50.0	3740	6410	98700	61700	<500
Magnesium	250		4560	12200	6510	32300	16300	<2500
Manganese	10.0		105	459	625	3080	2520	<100
Molybdenum	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<500
Nickel	50.0		<50.0	<50.0	<50.0	80.0	62.0	3470
Potassium	600		2090	1240	1210	9260	7930	12500
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		30700	27400	25900	26000	32000	13900
Vanadium	50.0		<50.0	<50.0	<50.0	160	100	231
Zinc	10.0		<10.0	30.0	<10.0	137	136	1320
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)								
Arsenic	5.00		<5.00	<5.00	<5.00	<5.00	<5.00	8.58
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)								
Lead	5.00		<5.00	<5.00	8.12	40.6	34.0	95.0
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)								
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)								
Selenium	5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)								
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/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		-	-	-	-	-	-
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		-	-	-	-	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	SD13-05	SD13-06	SD13-07	P3A	T3	T4A
		Sample Date :	16-JUL-95	15-JUL-95	16-JUL-95	15-JUL-95	14-JUL-95	14-JUL-95
		Notes:						
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 R% (33 - 186)			-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (µg/L)								
1,1,1-Trichloroethane	5.00		-	-	<5.00	-	-	-
1,1,2,2-Tetrachloroethane	5.00		-	-	<5.00	-	-	-
1,1,2-Trichloroethane	5.00		-	-	<5.00	-	-	-
1,1-Dichloroethane	5.00		-	-	<5.00	-	-	-
1,1-Dichloroethene	5.00		-	-	<5.00	-	-	-
1,2-Dichloroethane	5.00		-	-	<5.00	-	-	-
1,2-Dichloropropane	5.00		-	-	<5.00	-	-	-
2-Butanone (MEK)	10.0		-	-	<10.0	-	-	-
2-Chloroethyl vinyl ether	10.0		-	-	<10.0 J	-	-	-
2-Hexanone	10.0		-	-	<10.0	-	-	-
4-Methyl-2-pentanone	10.0		-	-	<10.0	-	-	-
Acetone	10.0		-	-	<10.0	-	-	-
Benzene	5.00		-	-	<5.00	-	-	-
Bromodichloromethane	5.00		-	-	<5.00	-	-	-
Bromoform	5.00		-	-	<5.00	-	-	-
Bromomethane	10.0		-	-	<10.0	-	-	-
Carbon disulfide	5.00		-	-	<5.00	-	-	-
Carbon tetrachloride	5.00		-	-	<5.00	-	-	-
Chlorobenzene	5.00		-	-	<5.00	-	-	-
Chloroethane	10.0		-	-	<10.0	-	-	-
Chloroform	5.00		-	-	<5.00	-	-	-
Chloromethane	10.0		-	-	<10.0	-	-	-
Dibromochloromethane	5.00		-	-	<5.00	-	-	-
Ethylbenzene	5.00		-	-	<5.00	-	-	-
Methylene chloride	5.00		-	-	<5.00	-	-	-
Styrene	5.00		-	-	<5.00	-	-	-
Tetrachloroethene	5.00		-	-	<5.00	-	-	-
Toluene	5.00		-	-	<5.00	-	-	-
Trichloroethene	5.00		-	-	<5.00	-	-	-
Vinyl acetate	10.0		-	-	<10.0	-	-	-
Vinyl chloride	10.0		-	-	<10.0	-	-	-
Xylenes (total)	5.00		-	-	<5.00	-	-	-
cis-1,2-Dichloroethene	5.00		-	-	<5.00	-	-	-
cis-1,3-Dichloropropene	5.00		-	-	<5.00	-	-	-
trans-1,2-Dichloroethene	5.00		-	-	<5.00	-	-	-
trans-1,3-Dichloropropene	5.00		-	-	<5.00	-	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	SD13-06 15-JUL-95	SD13-07 16-JUL-95	P3A 15-JUL-95	T3 14-JUL-95	T4A 14-JUL-95
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	111	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	103	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	102	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (ug/L)								
1,1,1-Trichloroethane	0.500		<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	<0.500
1,1,2-Trichloroethane	1.00		<1.00	<1.00	-	<1.00	<1.00	<1.00
1,1-Dichloroethane	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
1,1-Dichloroethene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
1,2-Dichloroethane	1.00		<1.00	<1.00	-	<1.00	<1.00	<1.00
1,2-Dichloropropane	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
2-Butanone	5.00		<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	<5.00 R
2-Hexanone	5.00		<5.00	<5.00	-	<5.00	<5.00	<5.00
4-Methyl-2-pentanone	5.00		<5.00	<5.00	-	<5.00	<5.00	<5.00
Acetone	5.00		<5.00	<5.00	-	<5.00	<5.00	<5.00
Benzene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Bromodichloromethane	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Bromoform	1.00		<1.00	<1.00	-	<1.00	<1.00	<1.00
Bromomethane	2.00		<2.00	<2.00	-	<2.00	<2.00	<2.00
Carbon disulfide	1.00		<1.00	<1.00	-	<1.00	<1.00	<1.00
Carbon tetrachloride	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Chlorobenzene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Chloroethane	2.00		<2.00	<2.00	-	<2.00	<2.00	<2.00
Chloroform	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Chloromethane	2.00		<2.00	<2.00	-	<2.00	<2.00	<2.00
Dibromochloromethane	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Ethylbenzene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Methylene chloride	2.00		<2.00	<2.00	-	<2.00	<2.00	3.15 JB
Styrene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Tetrachloroethene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Toluene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
Trichloroethene	0.500		<0.500	<0.500	-	<0.500	<0.500	49.7
Vinyl acetate	5.00		<5.00	<5.00	-	<5.00	<5.00	<5.00
Vinyl chloride	2.00		<2.00	<2.00	-	<2.00	<2.00	<2.00
Xylenes (total)	1.00		<1.00	<1.00	-	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	0.500		<0.500	<0.500	-	<0.500	<0.500	3.81
cis-1,3-Dichloropropene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	0.500		<0.500	<0.500	-	<0.500	<0.500	<0.500
% Surrogate Recovery (Control Limit)								
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			92	94	-	94	94	92.0
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			91	91	-	95	91	90.0
sur-Toluene-d8 %R 88-110 R% (88 - 110)			96	98	-	99	96	98.0
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (ug/L)								
1,2,4-Trichlorobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
1,2-Dichlorobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3

TABLE 1-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	SD13-06 15-JUL-95	SD13-07 16-JUL-95	P3A 15-JUL-95	T3 14-JUL-95	T4A 14-JUL-95
1,3-Dichlorobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
1,4-Dichlorobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2,4,5-Trichlorophenol	20.0		<20.4	<21.3	<22.7	<21.5	<20.6	<20.6
2,4,6-Trichlorophenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2,4-Dichlorophenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2,4-Dimethylphenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2,4-Dinitrophenol	50.0		<51.0 J	<53.2 J	<56.8 J	<53.8 J	<51.6 J	<51.6 J
2,4-Dinitrotoluene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2,6-Dinitrotoluene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2-Chloronaphthalene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2-Chlorophenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2-Methylnaphthalene	10.0		<10.2	<10.6	57.0	<10.8	<10.3	<10.3
2-Methylphenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
2-Nitroaniline	50.0		<51.0	<53.2	<56.8	<53.8	<51.6	<51.6
2-Nitrophenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
3,3'-Dichlorobenzidine	20.0		<20.4	<21.3	<22.7 J	<21.5 J	<20.6 J	<20.6 J
3-Nitroaniline	50.0		<51.0	<53.2	<56.8	<53.8	<51.6	<51.6
4,6-Dinitro-2-methylphenol	50.0		<51.0	<53.2	<56.8	<53.8	<51.6	<51.6
4-Bromophenyl phenyl ether	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
4-Chloro-3-methylphenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
4-Chloroaniline	20.0		<20.4	<21.3	<22.7	<21.5	<20.6	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
4-Methylphenol	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
4-Nitroaniline	50.0		<51.0 J	<53.2 J	<56.8 J	<53.8 J	<51.6 J	<51.6 J
4-Nitrophenol	50.0		<51.0 J	<53.2 J	<56.8	<53.8 J	<51.6	<51.6
Acenaphthene	10.0		<10.2	0.685	2.53 JQ	<10.8	<10.3	<10.3
Acenaphthylene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Anthracene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benz(a)anthracene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benzo(a)pyrene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benzo(b)fluoranthene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benzo(g,h,i)perylene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benzo(k)fluoranthene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Benzoic acid	50.0		<51.0	<53.2	<56.8	<53.8	<51.6	<51.6
Benzyl alcohol	20.0		<20.4	<21.3	<22.7	<21.5	<20.6	<20.6
Butyl benzyl phthalate	10.0		6.06 JQ	1.00 JQ	<11.4	1.80 JQ	6.32 JQ	7.24 JQ
Chrysene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Di-n-butylphthalate	10.0		<10.2	<10.6	<11.4	0.656 JQ	1.95 JH	<10.3
Di-n-octylphthalate	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Dibenz(a,h)anthracene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Dibenzofuran	10.0		<10.2	<10.6	3.07 JQ	<10.8	<10.3	<10.3
Diethylphthalate	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Dimethylphthalate	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Fluoranthene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Fluorene	10.0		<10.2	<10.6	1.73 JQ	<10.8	<10.3	<10.3
Hexachlorobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Hexachlorobutadiene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Hexachlorocyclopentadiene	10.0		<10.2 J	<10.6 J	<11.4	<10.8 J	<10.3 J	<10.3
Hexachloroethane	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Isophorone	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Naphthalene	10.0		<10.2	7.21	5.43 JQ	<10.8	<10.3	<10.3

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
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 16-JUL-95	SD13-06 15-JUL-95	SD13-07 16-JUL-95	P3A 15-JUL-95	T3 14-JUL-95	T4A 14-JUL-95
Nitrobenzene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Pentachlorophenol	30.0		<30.6	<31.9	<34.1	<32.2	<30.9	<30.9
Phenanthrene	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
Phenol	10.0		<10.2	<10.6	<11.4	<10.8	3.87 JQ	<10.3
Pyrene	10.0		<10.2	0.652	<11.4	<10.8	<10.3	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
bis(2-Chloroethyl)ether	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
bis(2-Ethylhexyl)phthalate	10.0		<10.2	<10.6	8.33 JQ	<10.8	<10.3	<10.3
n-Nitrosodipropylamine	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
n-Nitrosodiphenylamine	10.0		<10.2	<10.6	<11.4	<10.8	<10.3	<10.3
% Surrogate Recovery (Control Limit)								
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			60	67	74	48	75	67.1
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			62	66	70	53	85	82.0
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			64	64	77	49	87	69.7
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			71	70	96	54	90	85.0
sur-Phenol-d6 %R 10-94 R% (10 - 94)			70	67	78	53	84	69.7
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			67	71	92	62	96	96.1

Data Qualification Flags/Notes:
J = Estimated quantitation 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.

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	T7 / 15-JUL-95	P6A / 13-JUL-95	LSA1628-1 / 16-JUL-95	LSA1628-2 / 16-JUL-95	LSA1628-3 / 16-JUL-95
METALS, TOTAL BY ICP/SW 6010 (µg/L)							
Aluminum	500		89000	34200	<500	<500	<500
Antimony	250		<2500	<250	<250	<250	<250
Barium	20.0		575	249	244	500	412
Beryllium	3.00		52.0	4.00	<3.00	<3.00	<3.00
Cadmium	10.0		<100	<10.0	<10.0	<10.0	<10.0
Calcium	100		1460000	1170000	74700	68900	112000
Chromium	50.0		<500	<50.0	<50.0	<50.0	<50.0
Cobalt	50.0		<500	<50.0	<50.0	<50.0	<50.0
Copper	50.0		173	<50.0	<50.0	<50.0	<50.0
Iron	50.0		592000	47400	7840	7860	3820
Magnesium	250		39900	17800	19800	16000	14300
Manganese	10.0		2540	2310	621	367	2250
Molybdenum	50.0		<500	<50.0	<50.0	<50.0	<50.0
Nickel	50.0		<500	79.0	<50.0	<50.0	<50.0
Potassium	600		22600	6450	3440	1380	1390
Silver	50.0		<50.0	<50.0	<50.0	<50.0	<50.0
Sodium	250		34500	42800	128000	186000	68700
Vanadium	50.0		710	172	<50.0	<50.0	<50.0
Zinc	10.0		430	80.0	<10.0	<10.0	<10.0
ARSENIC, TOTAL BY GFAA/SW 7060 (µg/L)							
Arsenic	5.00		<5.00	5.61	46.4	50.3	21.6
LEAD, TOTAL BY GFAA/SW3005M/7421 (µg/L)							
Lead	5.00		130	27.8	25.4	<5.00	<5.00
MERCURY, TOTAL BY CVAA/SW 7470 (µg/L)							
Mercury	0.500		<0.500	<0.500	<0.500	<0.500	<0.500
SELENIUM, TOTAL BY SW7750/METHOD (µg/L)							
Selenium	5.00		<25.0	<25.0	<5.00	<5.00	<5.00
THALLIUM, TOTAL BY GFAA/SW3020/7841 (µg/L)							
Thallium	2.00		<2.00	<2.00	<2.00	<2.00	<2.00
ORGANOCHLORINE PESTICIDES AND PCBs - SW8080/SW3520 (µg/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		-	-	-	-	-
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		-	-	-	-	-

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID:	T7	P6A	LSA1628-1	LSA1628-2	LSA1628-3
		Sample Date:	15-JUL-95	13-JUL-95	16-JUL-95	16-JUL-95	16-JUL-95
		Notes:					
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 R% (33 - 186)			-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8240/NONE (ug/L)							
1,1,1-Trichloroethane	5.00		-	-	<500	<50.0	<5.00
1,1,2,2-Tetrachloroethane	5.00		-	-	<500	<50.0	<5.00
1,1,2-Trichloroethane	5.00		-	-	<500	<50.0	<5.00
1,1-Dichloroethane	5.00		-	-	<500	<50.0	<5.00
1,1-Dichloroethene	5.00		-	-	<500	<50.0	<5.00
1,2-Dichloroethane	5.00		-	-	<500	<50.0	<5.00
1,2-Dichloropropane	5.00		-	-	<500	<50.0	<5.00
2-Butanone (MEK)	10.0		-	-	<1000	<100	<10.0
2-Chloroethyl vinyl ether	10.0		-	-	<1000 J	<100 J	<10.0 J
2-Hexanone	10.0		-	-	<1000	<100	<10.0
4-Methyl-2-pentanone	10.0		-	-	<1000	<100	<10.0
Acetone	10.0		-	-	<1000	<100	<10.0
Benzene	5.00		-	-	4480	1810	3.85 JQ
Bromodichloromethane	5.00		-	-	<500	<50.0	<5.00
Bromoform	5.00		-	-	<500	<50.0	<5.00
Bromomethane	10.0		-	-	<1000	<100	<10.0
Carbon disulfide	5.00		-	-	<500	<50.0	<5.00
Carbon tetrachloride	5.00		-	-	<500	<50.0	<5.00
Chlorobenzene	5.00		-	-	<500	<50.0	<5.00
Chloroethane	10.0		-	-	<1000	<100	<10.0
Chloroform	5.00		-	-	<500	<50.0	<5.00
Chloromethane	10.0		-	-	<1000	<100	<10.0
Dibromochloromethane	5.00		-	-	<500	<50.0	<5.00
Ethylbenzene	5.00		-	-	1110	231	3.21 JQ
Methylene chloride	5.00		-	-	233 JQ	25.7 JQ	18.0
Styrene	5.00		-	-	<500	<50.0	<5.00
Tetrachloroethene	5.00		-	-	<500	<50.0	<5.00
Toluene	5.00		-	-	12100	13.9 JQ	8.57
Trichloroethene	5.00		-	-	<500	<50.0	82.3
Vinyl acetate	10.0		-	-	<1000	<100	<10.0
Vinyl chloride	10.0		-	-	<1000	<100	<10.0
Xylenes (total)	5.00		-	-	7990	257	8.53
cis-1,2-Dichloroethene	5.00		-	-	<500	12.2 JQ	16.3
cis-1,3-Dichloropropene	5.00		-	-	<500	<50.0	<5.00
trans-1,2-Dichloroethene	5.00		-	-	<500	29.3 JQ	9.01
trans-1,3-Dichloropropene	5.00		-	-	<500	<50.0	<5.00

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DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : / Sample Date : / Notes:	T7 15-JUL-95	P6A 13-JUL-95	LSA1628-1 16-JUL-95	LSA1628-2 16-JUL-95	LSA1628-3 16-JUL-95
% Surrogate Recovery (Control Limit)							
sur-1,2-Dichloroethane-d4 %R 76-114 R% (76 - 114)			-	-	108	109	108
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			-	-	103	102	96
sur-Toluene-d8 %R 88-110 R% (88 - 110)			-	-	103	98	96
VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8260/NONE (µg/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	0.377	-	-	-
1,1-Dichloroethene	0.500		<0.500	0.852	-	-	-
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	-	-	-
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		<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	-	-	-
Chloroethane	2.00		<2.00	<2.00	-	-	-
Chloroform	0.500		<0.500	0.382 JQ	-	-	-
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	0.328 JQ	-	-	-
Toluene	0.500		<0.500	<0.500	-	-	-
Trichloroethene	0.500		<0.500	0.807	-	-	-
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	0.730	-	-	-
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 R% (76 - 114)			93	97	-	-	-
sur-Bromofluorobenzene %R 86-115 R% (86 - 115)			92	90	-	-	-
sur-Toluene-d8 %R 88-110 R% (88 - 110)			98	97	-	-	-
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS - SW8270/SW3520 (µg/L)							
1,2,4-Trichlorobenzene	10.0		<10.5	<10.4	<516	<521	<10 3
1,2-Dichlorobenzene	10.0		<10.5	<10.4	<516	<521	<10 3

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID : Sample Date : Notes:	T7 15-JUL-95	P6A 13-JUL-95	LSA1628-1 16-JUL-95	LSA1628-2 16-JUL-95	LSA1628-3 16-JUL-95
1,3-Dichlorobenzene	10.0		<10.5	<10.4	<516	<521	<10.3
1,4-Dichlorobenzene	10.0		<10.5	<10.4	<516	<521	<10.3
2,4,5-Trichlorophenol	20.0		<21.1	<20.8	<1030	<1040	<20.6
2,4,6-Trichlorophenol	10.0		<10.5	<10.4	<516	<521	<10.3
2,4-Dichlorophenol	10.0		<10.5	<10.4	<516	<521	<10.3
2,4-Dimethylphenol	10.0		<10.5	<10.4	<516	<521	<10.3
2,4-Dinitrophenol	50.0		<52.6 J	<52.1 J	<2580 J	<2600 J	<51.6 J
2,4-Dinitrotoluene	10.0		<10.5	<10.4	<516	<521	<10.3
2,6-Dinitrotoluene	10.0		<10.5	<10.4	<516	<521	<10.3
2-Chloronaphthalene	10.0		<10.5	<10.4	<516	<521	<10.3
2-Chlorophenol	10.0		<10.5	<10.4	<516	<521	<10.3
2-Methylnaphthalene	10.0		<10.5	<10.4	269 JQ	404 JQ	<10.3
2-Methylphenol	10.0		<10.5	<10.4	<516	<521	<10.3
2-Nitroaniline	50.0		<52.6	<52.1	<2580	<2600	<51.6
2-Nitrophenol	10.0		<10.5	<10.4	<516	<521	<10.3
3,3'-Dichlorobenzidine	20.0		<21.1	<20.8	<1030	<1040	<20.6 J
3-Nitroaniline	50.0		<52.6	<52.1	<2580	<2600	<51.6
4,6-Dinitro-2-methylphenol	50.0		<52.6	<52.1	<2580	<2600	<51.6
4-Bromophenyl phenyl ether	10.0		<10.5	<10.4	<516	<521	<10.3
4-Chloro-3-methylphenol	10.0		<10.5	<10.4	<516	<521	<10.3
4-Chloroaniline	20.0		<21.1	<20.8 J	<1030	<1040	<20.6
4-Chlorophenyl phenyl ether	10.0		<10.5	<10.4	<516	<521	<10.3
4-Methylphenol	10.0		<10.5	<10.4	<516	<521	<10.3
4-Nitroaniline	50.0		<52.6 J	<52.1 J	<2580 J	<2600 J	<51.6 J
4-Nitrophenol	50.0		<52.6 J	<52.1	<2580 J	<2600 J	<51.6
Acenaphthene	10.0		<10.5	<10.4	<516	<521	<10.3
Acenaphthylene	10.0		<10.5	<10.4	<516	<521	<10.3
Anthracene	10.0		<10.5	<10.4	<516	<521	<10.3
Benz(a)anthracene	10.0		<10.5	<10.4	<516	<521	<10.3
Benzo(a)pyrene	10.0		<10.5	<10.4	<516	<521	<10.3
Benzo(b)fluoranthene	10.0		<10.5	<10.4	<516	<521	<10.3
Benzo(g,h,i)perylene	10.0		<10.5	<10.4	<516	<521	<10.3
Benzo(k)fluoranthene	10.0		<10.5	<10.4	<516	<521	<10.3
Benzoic acid	50.0		<52.6 J	<52.1 J	<2580 J	<2600 J	<51.6
Benzyl alcohol	20.0		<21.1	<20.8	<1030	<1040	<20.6
Butyl benzyl phthalate	10.0		<10.5	5.21 JQ	331 JQ	332 JQ	8.82 JQ
Chrysene	10.0		<10.5	<10.4	<516	<521	<10.3
Di-n-butylphthalate	10.0		<10.5	<10.4	<516	<521	<10.3
Di-n-octylphthalate	10.0		<10.5	<10.4	<516	<521	<10.3
Dibenz(a,h)anthracene	10.0		<10.5	<10.4	<516	<521	<10.3
Dibenzofuran	10.0		<10.5	<10.4	<516	<521	<10.3
Diethylphthalate	10.0		<10.5	<10.4	<516	<521	<10.3
Dimethylphthalate	10.0		<10.5	<10.4	<516	<521	<10.3
Fluoranthene	10.0		<10.5	<10.4	<516	<521	<10.3
Fluorene	10.0		<10.5	<10.4	<516	<521	<10.3
Hexachlorobenzene	10.0		<10.5	<10.4	<516	<521	<10.3
Hexachlorobutadiene	10.0		<10.5	<10.4	<516	<521	<10.3
Hexachlorocyclopentadiene	10.0		<10.5 J	<10.4 J	<516 J	<521 J	<10.3
Hexachloroethane	10.0		<10.5	<10.4	<516	<521	<10.3
Indeno(1,2,3-cd)pyrene	10.0		<10.5	<10.4	<516	<521	<10.3
Isophorone	10.0		<10.5	<10.4	<516	<521	<10.3
Naphthalene	10.0		<10.5	<10.4	559	205 JQ	<10.3

TABLE I-2

DATA SUMMARY TABLE
SECOND QUARTER
Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
Fort Worth, Texas

PARAMETER/METHOD(UNITS)	Quantitation Limits	Sample ID :	T7	P6A	LSA1628-1	LSA1628-2	LSA1628-3
		Sample Date :	15-JUL-95	13-JUL-95	16-JUL-95	16-JUL-95	16-JUL-95
		Notes:					
Nitrobenzene	10.0		<10.5	<10.4	<516	<521	<10.3
Pentachlorophenol	30.0		<31.6	<31.3	<1550	<1560	<30.9
Phenanthrene	10.0		<10.5	<10.4	<516	<521	<10.3
Phenol	10.0		<10.5	2.88 JQ	<516	<521	<10.3
Pyrene	10.0		<10.5	<10.4	<516	<521	<10.3
bis(2-Chloroethoxy)methane	10.0		<10.5	<10.4	<516	<521	<10.3
bis(2-Chloroethyl)ether	10.0		<10.5	<10.4	<516	<521	<10.3
bis(2-Chloroisopropyl)ether	10.0		<10.5	<10.4	<516	<521	<10.3
bis(2-Ethylhexyl)phthalate	10.0		<10.5	<10.4	2270	2330	2.52 JQ
n-Nitrosodipropylamine	10.0		<10.5	<10.4	<516	<521	<10.3
n-Nitrosodiphenylamine	10.0		<10.5	<10.4	<516	<521	<10.3
% Surrogate Recovery (Control Limit)							
sur-2,4,6-Tribromophenol %R 10-123 R% (10 - 123)			48	74	0	0	63
sur-2-Fluorobiphenyl %R 43-116 R% (43 - 116)			61	74	0	0	63
sur-2-Fluorophenol %R 21-100 R% (21 - 100)			50	63	0	0	59
sur-Nitrobenzene-d5 %R 35-114 R% (35 - 114)			58	78	0	0	72
sur-Phenol-d6 %R 10-94 R% (10 - 94)			53	69	0	0	60
sur-Terphenyl-d14 %R 38-141 R% (38 - 141)			64	68	0	0	76

Data Qualification Flags/Notes:
J = Estimated quantitation 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/DATE: JLP 9/25/95
CHECKED/DATE: SDM 10/2/95

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ADMINISTRATIVE RECORD

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