

CAFB
Red File
2001
2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Invoice # 81212

PL I.D. 012079

January 17, 2001

Cannon AFB

NMED HWB
2044 A Galisteo Street
Santa Fe, NM 87502

Project Name/Number: (NONE)

Attention: Julie Wanslow

On 12/20/00, Pinnacle Laboratories Inc., (ADHS License No. AZ0592 pending), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by ATEL, Tucson, AZ.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

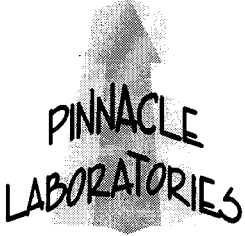
H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

Monitor Wells:

- CAFB-O
- CAFB-N
- CAFB-P
- CAFB-R



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT : NMED HWB DATE RECEIVED : 12/20/00
PROJECT # : (NONE)
PROJECT NAME : (NONE) REPORT DATE : 01/17/01

PL ID: 012079

	PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	012079-01	CAFB-O	AQUEOUS	12/18/00
02	012079-02	CAFB-N	AQUEOUS	12/18/00
03	012079-03	CAFB-P	AQUEOUS	12/18/00
04	012079-04	CAFB-R	AQUEOUS	12/18/00

---TOTALS---

MATRIX #SAMPLES
AQUEOUS 4

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

Client #: T0608

Report Date: 11-Jan-01

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107-

Phone: (505) 344-3777 **Ext:**
FAX: (505) 344-4413

Attn: Mitch Rubenstein

Our Lab #: 122100033

Your Sample ID: CAFB-O/012079-01

Date Logged-In: 12/21/00

Sample Source: SDWA/WTP's

Matrix: Water

Client Project #:

PO#: 012079

Project #: NMHWP

Date Submitted to Lab: 12/21/2000

- COLLECTION INFORMATION -

Date/Time/By: 12/18/00 1:30 PM

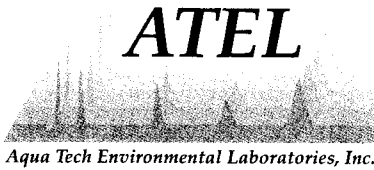
Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
PER	314.0	Perchlorate, aq	< 5.00	ug/L	1/8/01	JMN	2809

End of Report

Report Approved By: R Mosher

Arizona Lab License No. AZ0009

Lab Number 122100033:Page 1



- CERTIFICATE OF ANALYSIS -

Client #: T0608
Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107-
Attn: Mitch Rubenstein

Report Date: 11-Jan-01

Phone: (505) 344-3777 Ext:
FAX: (505) 344-4413

Our Lab #: 122100034 Your Sample ID: CAFB-N/012079-02
Date Logged-In: 12/21/00 Sample Source: SDWA/WTP's
Matrix: Water Client Project #: PO#: 012079
Project #: NMHWB Date Submitted to Lab: 12/21/2000

- COLLECTION INFORMATION -

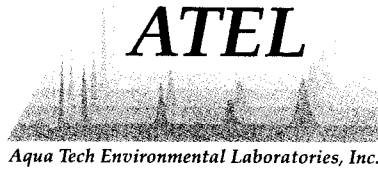
Date/Time/By: 12/18/00 2:30 PM

Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
PER	314.0	Perchlorate, aq	< 5.00	ug/L	1/8/01	JMN	2809

End of Report

Report Approved By: R Mosher

Arizona Lab License No. AZ0009



- CERTIFICATE OF ANALYSIS -

Client #: T0608
Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107-

Report Date: 11-Jan-01

Attn: Mitch Rubenstein

Phone: (505) 344-3777 **Ext:**
FAX: (505) 344-4413

Our Lab #: 122100035
Date Logged-In: 12/21/00
Matrix: Water
Project #: NMHWB

Your Sample ID: CAFB-P/012079-03
Sample Source: SDWA/WTP's
Client Project #: **PO#:** 012079
Date Submitted to Lab: 12/21/2000

- COLLECTION INFORMATION -

Date/Time/By: 12/18/00 3:00 PM

Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
PER	314.0	Perchlorate, aq	< 5.00	ug/L	1/8/01	JMN	2809

End of Report

Report Approved By: R Mosher

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

Client #: T0608

Report Date: 11-Jan-01

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107-

Phone: (505) 344-3777 **Ext:**
FAX: (505) 344-4413

Attn: Mitch Rubenstein

Our Lab #: 122100036

Your Sample ID: CAFB-R/012079-04

Date Logged-In: 12/21/00

Sample Source: SDWA/WTP's

Matrix: Water

Client Project #:

PO#: 012079

Project #: NMHWB

Date Submitted to Lab: 12/21/2000

- COLLECTION INFORMATION -

Date/Time/By: 12/18/00 3:15 PM

Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
PER	314.0	Perchlorate, aq	< 5.00	ug/L	1/8/01	JMN	2809

End of Report

Report Approved By: R Mosher

Arizona Lab License No. AZ0009

2700 E. BILBY ROAD • BUILDING A • TUCSON, AZ 85706
PHONE 520-573-6565 • 1-800-879-2835 • FAX 520-573-6550

Lab Number 122100036:Page 1

Page 6 of 9

ATEL

Aqua Tech Environmental Laboratories, Inc.

- QUALITY CONTROL REPORT -

Printed: 1/11/2001

WS#	Lab#	Test ID	QC Code	Result	Units	True Added	- QC Calculations - QC1	- QC Calculations - QC2	Lower Limit	Upper Limit
2809	120500012M	PER	M	26.1	ug/L	25	104 %R: *	4 %RPD	0	
2809	120500012S	PER	S	27.0	ug/L	25	108 %R: *		0	
2809	Blank	PER	B	0.00	ug/L	0				
2809	Calib Check	PER	K	108	ug/L	100	108 %R: *		0	
2809	Calib Check	PER	K	22.9	ug/L	20	115 %R: *		0	
2809	Calib Check	PER	K	6.13	ug/L	5	123 %R: *		0	
2809	Control	PER	C	28.1	ug/L	25	113 %R: *		0	
2809	LCS	PER	C	23.8	ug/L	25	95 %R: *		0	

QC Code Legend

B Blanks	K Calibration Checks	S Spikes
C Control Samples	M Matrix Spike Duplicates	
D Duplicates	R Surrogates	



Network Project Manager: Jacinta A. Tenorio

ANALYSIS REQUEST

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, New Mexico 87107
(505) 344-3777 Fax (505) 344-4413

attn: please invoice account T0608 and
PINNACLE requires the following QC for all
studies: BLANK, SPIKE & DUPLICATE.
Thank you

Table with columns: SAMPLE ID, DATE, TIME, MATRIX, LAB ID, Metals (8) RCRA, RCRA TCLP METALS, Metals-13 PP List, Metals-TAL (23 METALS), TOX, TOC, Gen Chemistry, Oil and Grease, Volatile Organics GC/MS (8260), BOD, COD, PESTICIDES/PCB (608/8082), Herbicides (615/8151), PNA (8310), 8240 (TCLP 1311) ZHE, Base/Neutral Acid Compounds GC/MS (625/8270), URANIUM (ICP-MS), RADIUM 226+228, Gross Alpha/Beta, TO-14, NUMBER OF CONTAINERS. Includes handwritten sample data and a 'DUE DATE' stamp for JAN 05 2001.

PROJECT INFORMATION, SAMPLE RECEIPT, SAMPLES SENT TO, RELINQUISHED BY, RECEIVED BY. Includes fields for Project #, Name, QC Level, TAT, Due Date, Rush Surcharge, Client Discount, Special Certification, and signatures of Francine Tenorio and another individual.

Page 8 of 9



Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 12-18-00 PAGE: 1 OF 1PLI Accession #: 72079

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER:

COMPANY: Jerry Larson
 ADDRESS: 98 Juniper Hill Pl. NE
Albuquerque NM 87122
 PHONE: 505 921-8073
 FAX: 505 292-1759
 BILL TO: Julie Wanslow
 COMPANY: NM ENVIRONMENT Dept
 ADDRESS: Gahita Fe, NM

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject	PERCHLORATE (M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) <input type="checkbox"/> MTBE <input type="checkbox"/> TMB <input type="checkbox"/> PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB <input type="checkbox"/> / DBCP <input type="checkbox"/>	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides / PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (6)	RCRA Metals by TCLP (Method 1311)	Metals:	NUMBER CONTAINERS	
CAFB-O	12-18-00	1330	water	01		X																							1
CAFB-N	12-18-00	1430		02		X																							1
CAFB-P	12-18-00	1500		03		X																							1
CAFB-R	12-18-00	1515		04		X																							1

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT INFORMATION		PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK	(NORMAL) <input type="checkbox"/>	Signature:	Time:	Signature:	Time:
PROJ. NAME:		CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER		<u>Jerry D. Larson</u>	<u>11:15</u>		
P.O. NO.:		METHANOL PRESERVATION <input type="checkbox"/>		Printed Name:	Date:	Printed Name:	Date:
SHIPPED VIA:		COMMENTS: FIXED FEE <input type="checkbox"/>		<u>Jerry D. Larson</u>	<u>12-20-00</u>		
SAMPLE RECEIPT				Company:		Company:	
NO. CONTAINERS	<u>4</u>			RECEIVED BY: 1.		RECEIVED BY: (LAB) 2.	
CUSTODY SEALS	<u>Y</u> <u>NA</u>			Signature:	Time:	Signature:	Time:
RECEIVED INTACT	<u>Y</u>					<u>L. F. Freehlich</u>	<u>11:15</u>
BLUE ICE/ICE	<u>1.40L</u>			Printed Name:	Date:	Printed Name:	Date:
						<u>L. Frite Freehlich</u>	<u>12/20/00</u>
				Company:		Pinnacle Laboratories Inc.	

Page 9079