

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
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PL I.D. 906109

August 6, 1999

NMED HRMB
2044 A Galisteo St.
Santa Fe, NM 87505

Project Name/Number: PAJARITO CANYON 6.99

Attention: John Young

On 07/02/99, Pinnacle Laboratories Inc., (ADHS License No. AZ0592), 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.

An additional sample not on the COC was submitted directly to Barringer, the sample has Pinnacle ID 906109-10 and is included in this report.

All analyses were performed by Barringer Laboratories, Inc., Denver, CO.

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

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

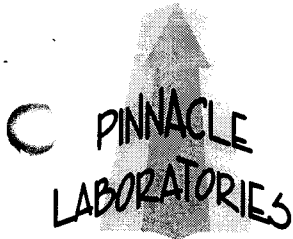


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JA-6

PINNACLE
LABORATORIES

TZ



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

CLIENT : NMED HRMB DATE RECEIVED : 07/02/99
PROJECT # : (NONE)
PROJECT NAME : PAJARITO CANYON 6.99 REPORT DATE : 08/06/99

PL ID: 906109

	PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	906109-01	SP-HOME-6.99	AQUEOUS	06/28/99
02	906109-02	SP-STARMERS-6.99	AQUEOUS	06/28/99
03	906109-03	SW-PA-8.9-6.99	AQUEOUS	06/28/99
04	906109-04	SP-CHARLIES-6.99	AQUEOUS	06/28/99
05	906109-05	PA 10.6	AQUEOUS	06/28/99
06	906109-06	PA-11.5/PC SPRING	AQUEOUS	06/28/99
07	906109-07	SP-KIELING - 6.99	AQUEOUS	06/28/99
08	906109-08	SP- BULLDOG - 6.99	AQUEOUS	06/28/99
09	906109-09	SP- BIRDDOG - 6.99	AQUEOUS	06/28/99
10	906109-10	SW-BUO.01-6.99	AQUEOUS	06/28/99

---TOTALS---

MATRIX
AQUEOUS

#SAMPLES
9



BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Kimberly D. McNeill
PINNACLE LABORATORIES INC.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Attn:
Project:

Received: 6-Jul-99 10:00
PO #: 906109

Job: 992489E

Status: Final

ANALYTICAL REPORT PACKAGE

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QUALITY CONTROL REPORT.....Q-1

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Page: i

Kimberly D. McNeill
PINNACLE LABORATORIES INC.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Attn:
Project:

Received: 6-Jul-99 10:00
PO #: 906109

Job: 992489E

Status: Final

CASE NARRATIVE

A total of 10 Water samples were received on 6-Jul-99. As stated in the chain of custody, the samples were run for the following analysis: Explosives. A table, to cross reference your sample ID to ours, is attached. Our procedures are summarized on the Quality Control Data Sheet.

Quality control standards for organic and inorganic analyses followed the appropriate SW-846 or EPA methodology. Quality control standards for radiochemistry followed our standard operating procedures or contractual requirements.

Signed:

[Signature] 7/23/99
.....
Organic
Manager

Signed:

[Signature]
.....
Project Review
7/23/99



BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

Kimberly D. McNeill
PINNACLE LABORATORIES INC.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

23-Jul-99
Page: ii

Attn: Project: Received: 6-Jul-99 10:00
PO #: 906109

Job: 992489E Status: Final

Lab-ID	Matrix	Client Sample ID	Sampled
992489-1	Water	906109-01	28-Jun-99
992489-2	Water	906109-02	28-Jun-99
992489-3	Water	906109-03	28-Jun-99
992489-4	Water	906109-04	28-Jun-99
992489-5	Water	906109-05	28-Jun-99
992489-6	Water	906109-06	28-Jun-99
992489-7	Water	906109-07	28-Jun-99
992489-8	Water	906109-08	28-Jun-99
992489-9	Water	906109-09	28-Jun-99
992489-10	Water	SW-BUO.01-6.99	28-Jun-99

BARRINGER LABORATORIES, INC.

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23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-01

Lab Id: 992489-1

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 15-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	67%	56-120%

BARRINGER LABORATORIES, INC.

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23-Jul-99

Page: R-2

Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-02

Lab Id: 992489-2

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 15-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	70%	56-120%

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15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-03

Lab Id: 992489-3

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g/l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	103%	56-120%

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-04

Lab Id: 992489-4

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g/l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	84%	56-120%

BARRINGER LABORATORIES, INC.

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23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-05

Lab Id: 992489-5

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	86%	56-120%

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-06

Lab Id: 992489-6

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g/l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	73%	56-120%



BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-07

Lab Id: 992489-7

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g/l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	63%	56-120%

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

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Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-08

Lab Id: 992489-8

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	1.1	0.20
RDX	121-82-4	2.3	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	83%	56-120%

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Page: R-9

Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: 906109-09

Lab Id: 992489-9

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	0.75	0.20
RDX	121-82-4	1.6	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	83%	56-120%

BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Page: R-10

Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

Explosives

Sample Id: SW-BUO.01-6.99

Lab Id: 992489-10

Date Sampled: 28-Jun-99

Date Extracted: 14-Jul-99

Date Analyzed: 16-Jul-99

Project:

Dilution Factor: 1:1

Matrix: Water

Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g}/\text{l}$	MDL
HMX	2691-41-0	2.2	0.20
RDX	121-82-4	2.4	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	105%	56-120%



BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Page: Q-1

Job: 992489E

Status: Final

PINNACLE LABORATORIES INC.

QUALITY CONTROL REPORT

Lab Id: Method Blank
Date Sampled: NA
Date Extracted: 14-Jul-99
Date Analyzed: 15-Jul-99

Project:
Dilution Factor: 1:1
Matrix: Water
Method: 8330

Analyte	CAS Number	Concentration $\mu\text{g/l}$	MDL
HMX	2691-41-0	U	0.20
RDX	121-82-4	U	0.20
1,3,5-Trinitrobenzene	99-35-4	U	0.10
1,3-Dinitrobenzene	99-65-0	U	0.20
2,6-Dinitrotoluene	606-20-2	U	0.40
2,4-Dinitrotoluene	121-14-2	U	0.40
TNT	118-96-7	U	0.60
Tetryl	479-45-8	U	0.60
Nitrobenzene	98-95-3	U	0.40
2-Nitrotoluene	88-72-2	U	0.40
4-Nitrotoluene	99-99-0	U	0.40
3-Nitrotoluene	99-08-1	U	0.40
2-Amino-4,6-DNT	35572-78-2	U	0.40
4-Amino-2,6-DNT	1946-51-0	U	0.90
PETN	78-11-5	U	6.0

Surrogate	Recovery	Limit
3,4-Dinitrotoluene	75%	56-120%



Kimberly D. McNeill
PINNACLE LABORATORIES INC.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

23-Jul-99
Page: Q-2

Attn: Project: Received: 6-Jul-99 10:00
PO #: 906109

Job: 992489E Status: Final

Abbreviations:

Parameters:

- HMX : Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
- RDX : Hexahydro-1,3,5-trinitro-1,3,5-triazine
- TNT : 2,4,6-Trinitrotoluene
- Tetryl : Methyl-2,4,6-trinitrophenylnitramine
- 2-Amino-4,6-DNT : 2-Amino-4,6-Dinitrotoluene
- 4-Amino-2,6-DNT : 4-Amino-2,6-Dinitrotoluene
- PETN : Pentaerythritol tetranitrate

Units:

- µg/l : micrograms per liter
- % : percent

Quality codes:

- U : Undetected at reported limit



BARRINGER LABORATORIES, INC.

15000 W. 6TH AVE., SUITE 300 GOLDEN, CO 80401 (303) 277-1687 FAX (303) 277-1689

23-Jul-99

Kimberly D. McNeill
PINNACLE LABORATORIES INC.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107

Page: Q-3

Attn: Project: Received: 6-Jul-99 10:00
PO #: 906109

Job: 992489E Status: Final

QUALITY CONTROL DATA SHEET

Received by: kz Via: Fed Ex

Sample Container Type: 1L gls
Additional Lab Preparation: None

Parameter	Method	Preservative	Init	Analysis Dates
Explosives	8330	6°C	RDH	07/15

Barringer Laboratories, Inc. will return or dispose of your samples 30 days from the date your final report is mailed, unless otherwise specified by contract. Barringer Laboratories, Inc. reserves the right to return samples prior to the 30 days if radioactive levels exceed our license.

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 7/6 Page: 1 of 1

Network Project Manager: Kimberly D. McNeill					ANALYSIS REQUEST																							
Pinnacle Laboratories, Inc. 2709-D Pan American Freeway, NE Albuquerque, New Mexico 87107 (505) 344-3777 Fax (505) 344-4413					Metals (8) RCRA	RCRA TCLP METALS	Metals-13 PP List	Metals-TAL	Nitroaromatics : Nitroaromatics	TOX	TOC	Gen Chemistry	Oil and Grease	Volatile Organics GC/MS (8260)	BOD	COD	PESTICIDES/PCB (608/6080)	8270 BY GC/MS	PNA (8310)	8240 (TCLP 1311) ZHE	Herbicides (815/8150)	Base/Neutral Aged Compounds GC/MS (825/8270)	URANIUM	RADIUM 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS	
					SAMPLE ID	DATE	TIME	MATRIX	LAB ID																			
906109-01	7/28	0940	AG					X																				
-02		1050						X																				
-03		1520						X																				
-04		1015						X																				
-05		1200						X																				
-06		1025						X																				
-07		1245						X																				
-08		1240						X																				
-09	✓	1300	✓					X																				

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.	
PROJECT #:	906109	Total Number of Containers		PENSACOLA - STL-FL	Signature:	Time: 1320	Signature:	Time:	
PRD. NAME:	NMHR	Chain of Custody Seals		PORTLAND - ESL-OR	Printed Name:	Date: 7/6/99	Printed Name:	Date:	
QC LEVEL:	STD IV	Received Intact?		STL - CT	Pinnacle Laboratories, Inc.		Company:		
QC REQUIRED:	MS MSD BLANK	Received Good Cond./Cold		STL - NEW JERSEY	RECEIVED BY: 1.		RECEIVED BY: 2.		
TAT:	STANDARD RUSH!!	LAB NUMBER:		N. CREEK	Signature:	Time:	Signature:	Time:	
DUE DATE:	7/21	COMMENTS:		BARRINGER	Printed Name:	Date:	Printed Name:	Date:	
RUSH SURCHARGE:	-			SEQUOIA	Company:		Company:		
CLIENT DISCOUNT:	-								
SPECIAL CERTIFICATION									
REQUIRED: YES NO	NO								



Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: _____ PAGE: _____ OF _____

PLI Accession #: 906109

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: JOHN YOUNG

COMPANY: NMED/HRMB

ADDRESS: 2044 A Catalistoc St.
Santa Fe, NM 87505

PHONE: 505 827-1558 x 1036

FAX: 505 827-1544

BILL TO: Stephen Vigil

COMPANY: SAME AS ABOVE

ADDRESS: _____

ANALYSIS REQUEST				
SAMPLE ID	DATE	TIME	MATRIX	LAB ID
SP HOME - 6-99	6/28/99	0945	WATER	01
SP - STARRYS - 6-99	6/28/99	1050	WATER	02
SW - PA - 8.3 - 6-99	6/28/99	1520	WATER	03
SP - Catalistoc - 6-99	6/28/99	1145	WATER	04
PA - 10.6	6/29/99	1200	WATER	05
PA - 11.5 / PG Spring	6/29/99	1025	WATER	06
SP - KIPNEY - 6-99	6/28/99	1245	WATER	07
SP - BUILDING - 6-99	6/28/99	1240	WATER	08
SP - BUILDING - 6-99	6/28/99	1300	WATER	09

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT INFORMATION		PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS		RELINQUISHED BY:	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK	(NORMAL) <input checked="" type="checkbox"/>	Signature: _____	Time: _____
PROJ. NAME: <u>Pajarito Canyon</u>	CERTIFICATION REQUIRED: <input checked="" type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER	METHANOL PRESERVATION <input type="checkbox"/>		Printed Name: _____	Date: _____
PO. NO.:		COMMENTS: <u>FIXED FEE LINE ITEM 16 - 8330</u> <u>for NITROAROMATICS - NITROAMINES</u>		Company: <u>NMED/HRMB</u>	See reverse side (Force Majeure)
SHIPPED VIA <u>FEDEX</u>		Shipped Directly to Barringer.		RECEIVED BY:	
SAMPLE RECEIPT		Please call John Young (HRMB) 6-127-1558 x 1036 with Q.C. 1036		Signature: _____	
NO. CONTAINERS: <u>9</u>	CUSTODY SEALS: <u>9/1/NA</u>			Printed Name: _____	Date: _____
RECEIVED INTACT: <u>YES</u>	BLUE IDENCE: _____			Company: <u>Pinnacle Laboratories Inc.</u>	

Received Jul-06-99 11:32am From 303 277 1689 - PINNACLE LABS
 Jul-06-99 11:28A Barringer Laboratories Inc. 303 277 1689
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Force

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: JOHN YOUNG

COMPANY: NMED/HRMB
 ADDRESS: 2044 A Galistero St.
SANTA FE, NM 87505
 PHONE: 505 827 1558 x 1036
 FAX: 505 827-1544
 BILL TO: Stephen Vigil
 COMPANY: SAME AS ABOVE
 ADDRESS: _____

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject	8330 Nitroaromatics - AMIDES (M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) □ MTBE □ TMB □ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB □ / DBCP □	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 (8)	RCRA Metals by TCLP (Method 1311) Metals:	NUMBER OF CONTAINERS	
SP-HOME-6-99	6/28/99	0940	Water			1																						
SP-Starmers-6-99	6/28/99	1050	Water			1																						
SW-PA-8.3-6-99	6/28/99	1520	Water			1																						
SP-Charles-6-99	6/28/99	1015	Water			1																						
PA-10-6	6/29/99	1200	Water			1																						
PA-11-5/PC Spring	6/29/99	1025	Water			1																						
SP-KIELING-6-99	6/28/99	1245	Water			1																						
SP-BULLDOG-6-99	6/28/99	1240	Water			1																						
SP-BIRDDOG-6-99	6/28/99	1300	Water			1																						

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 checked="" type="checkbox"/>	Signature:	Time: 1350	Signature: _____	Time: _____
PROJ. NAME: <u>Pajarito Canyon</u>	CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER	METHANOL PRESERVATION <input type="checkbox"/>		Printed Name: <u>VICKIE MARANVILLE</u>	Date: <u>6/29/99</u>	Printed Name: _____	Date: _____
P.O. NO.:		COMMENTS: <u>FIXED FEE □ LINE Item 16-8330 for NITROAROMATICS - NITROAMINES</u>		Company: <u>NMED/HRMB</u>	See reverse side (Force Magure)	Company: _____	
SAMPLE RECEIPT		Shipped DIRECTLY to Barringer. Please call John Young (HRMB) @ 827-1558 x 1036 with questions		RECEIVED BY: 1.		RECEIVED BY: (LAB) 2.	
NO. CONTAINERS				Signature: _____	Time: _____	Signature:	Time: 0920
CUSTODY SEALS	Y/N/NA			Printed Name: _____	Date: _____	Printed Name: <u>Kevin Zahrle</u>	Date: <u>7/2/99</u>
RECEIVED INTACT				Company: _____		Pinnacle Laboratories Inc.	