

Pnm00

Public Service Company  
of New Mexico  
Alvarado Square MS 0408  
Albuquerque, NM 87158

May 30, 2000

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED



Mr. Carl Will  
New Mexico Environment Department  
Hazardous & Radioactive Materials Bureau  
2044 Galisteo  
P.O. Box 26110  
Santa Fe, NM 87502

RE: Person Generating Station (NMT 360010342) – Laboratory Analytical Results and Pump Test  
Data for the Cobisa Production Well

Dear Mr. Will:

Per your request, I am enclosing copies of the analytical results for the groundwater samples collected from the Cobisa production well in September 1999. As the results indicate, all 8021 Halo analytes were below laboratory detection limits.

In addition, I have enclosed a copy of the construction and testing report for the Cobisa production well. This report contains pump test data, drawdown curves, sample logs, etc.

If you have any questions, please contact me at (505) 241-2014.

Sincerely,

A handwritten signature in cursive script that reads "John Hale".

John Hale  
Environmental Engineer

Enclosures

**METRIC**  
Corporation ENVIRONMENTAL ENGINEERING AND SCIENCE

8429 WASHINGTON PLACE NE, SUITE A  
ALBUQUERQUE, NEW MEXICO 87113  
Phone: (505) 828-2801  
Fax: (505) 828-2803

September 27, 1999

Greg Platt, Vice President  
Cobisa - Person Power Company, Inc.  
820 Gessner #930  
Houston, TX 77024

Dear Greg:

Enclosed are laboratory reports for samples collected at the end of the 48-hour sampling test we conducted on the Cobisa production well at Person Station. The TDS results are summarized as follows:

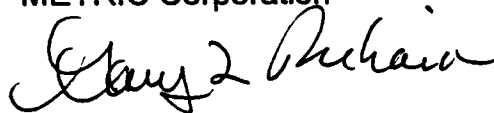
<u>Time After Pumping Started</u>	<u>TDS (mg/l)</u>
46 hr.	280
47 hr.	280
47 hr. 59 min.	280

The volatile organic samples were collected 47 hr. 55 min. after pumping started. All parameters are non-detect.

If you have any questions, please contact us.

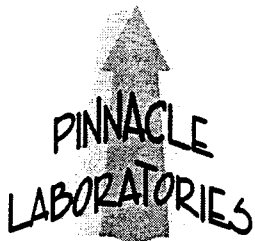
Sincerely,

METRIC Corporation



Gary L. Richardson, P.E.  
Executive Vice President

GLR/rkh



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

PL I.D. 909042

September 21, 1999

Metric Corporation  
8429 Washington Place  
Albuquerque, NM 87113

Project Name/Number: COBISA

Attention: Gary Richardson

On 09/15/99, 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.

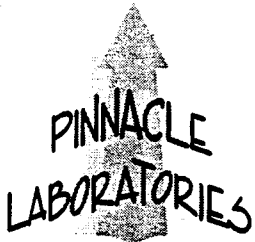
All analyses were performed by Environmental Services Laboratory, Durham, OR.

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



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

CLIENT :METRIC CORPORATION DATE RECEIVED :09/15/99  
PROJECT # :(NONE)  
PROJECT NAME :COBISA REPORT DATE :09/21/99

PL ID: 909042

	PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	909042-01	COBISA PW-1	AQUEOUS	09/15/99
02	909042-02	COBISA PW-1	AQUEOUS	09/15/99
03	909042-03	COBISA PW-1	AQUEOUS	09/15/99

--TOTALS--

MATRIX  
AQUEOUS

#SAMPLES  
3

# *Environmental Services Laboratory, Inc.*

September 17, 1999  
17400 SW Upper Boones Ferry Road • Suite 270 • Portland, OR 97224 • (503) 670-8520

Kim McNeill  
Pinnacle Laboratories  
2709-D Pan American Fwy NE  
Albuquerque, NM 87107  
TEL: 505-344-3777  
FAX (505) 344-4413

RE: 909042/MC/Cobisa

Order No.: 9909078

Dear Kim McNeill,

Environmental Services Laboratory received 3 samples on 9/16/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

TOTAL DISSOLVED SOLIDS (E160.1)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval from the Laboratory.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Kimberly Hill  
Project Manager



Keith Hunter  
Technical Review

# Environmental Services Laboratory

Date: 17-Sep-99

**CLIENT:** Pinnacle Laboratories  
**Lab Order:** 9909078  
**Project:** 909042/MC/Cobisa  
**Lab ID:** 9909078-01A

**Client Sample ID:** 909042-01  
**Tag Number:**  
**Collection Date:** 9/15/99  
**Matrix:** AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>		<b>E160.1</b>				Analyst: sid
Total Dissolved Solids (Residue, Filterable)	280	10		mg/L	1	9/16/99

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Environmental Services Laboratory

Date: 17-Sep-99

**CLIENT:** Pinnacle Laboratories  
**Lab Order:** 9909078  
**Project:** 909042/MC/Cobisa  
**Lab ID:** 9909078-02A

**Client Sample ID:** 909042-02  
**Tag Number:**  
**Collection Date:** 9/15/99  
**Matrix:** AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>		<b>E160.1</b>				Analyst: sld
Total Dissolved Solids (Residue, Filterable)	280	10		mg/L	1	9/16/99

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**Environmental Services Laboratory**

Date: 17-Sep-99

**CLIENT:** Pinnacle Laboratories  
**Lab Order:** 9909078  
**Project:** 909042/MC/Cobisa  
**Lab ID:** 9909078-03A

**Client Sample ID:** 909042-03  
**Tag Number:**  
**Collection Date:** 9/15/99  
**Matrix:** AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>		<b>E160.1</b>				Analyst: sld
Total Dissolved Solids (Residue, Filterable)	280	10		mg/L	1	9/16/99

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



Environmental Services Laboratory

Date: 17-Sep-99

CLIENT: Pinnacle Laboratories  
Work Order: 9909078  
Project: 909042/MC/Cobisa

QC SUMMARY REPORT  
Method Blank

Sample ID: MBlank	Batch ID: 01 TDS-9/17/9	Test Code: E160.1	Units: mg/L	Analysis Date 9/16/99	Prep Date:						
Client ID:	9909078	Run ID: NO INST_990916B	SeqNo: 22834								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
                  J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories  
 Work Order: 9909078  
 Project: 909042/MC/Cobisa

**QC SUMMARY REPORT**  
 Sample Duplicate

Sample ID: 9909078-01A DUP	Batch ID: 01 TDS-9/17/9	Test Code: E160.1	Units: mg/L	Analysis Date 9/16/99	Prep Date:						
Client ID: 909042-01	9909078	Run ID: NO INST_990916B		SeqNo: 22837							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	290	10	0	0	0.0%	0	0	280	3.5%	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories  
 Work Order: 9909078  
 Project: 909042/MC/Cobisa

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID: LCS	Batch ID: 01 TDS-9/17/9	Test Code: E160.1	Units: mg/L	Analysis Date 9/16/99	Prep Date:						
Client ID:	9909078	Run ID: NO INST_990916B		SeqNo: 22835							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	1720	10	1964	0	87.6%	85	115	0			

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits

Network Project Manager: Kimberly D. McNeill

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

*Must have results 9/17 @ 1600!!*

**RUSH!**

ANALYSIS REQUEST																											
SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	RCRA TCLP METALS	Metals-13 PP List	Metals-TAL	TOX	TOC	Gen Chemistry: TDS	Oil and Grease	Volatile Organics GC/MS (8260)	BOD	COD	PESTICIDES/PCB (608/8080)	8270 BY GC/MS	PNA (8310)	8240 (TCLP 1311) ZHE	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	URANIUM	RADIUM 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS	
909042-01	9/15	0730	AQ								X																
-02	↓	0830	↓								X																
-03	↓	0929	↓								X																

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.	
PROJECT #: <u>909042</u>	Total Number of Containers	Chain of Custody Seals	PENSACOLA - STL-FL	Signature: <u>Francine Torino</u>	Time: <u>1700</u>	Signature:	Time:		
PROJ. NAME: <u>MC</u>	Received Intact?	STL - CT	PORTLAND - ESL-OR	Printed Name: <u>Francine Torino</u>	Date: <u>9/15/99</u>	Printed Name:	Date:		
QC LEVEL: <u>STD</u> IV	Received Good Cond./Cold	STL - NEW JERSEY	N. CREEK	Pinnacle Laboratories, Inc.		Company			
QC REQUIRED: <u>MS</u> MSD BLANK	LAB NUMBER: <u>9909078</u>	BARRINGER	SEQUOIA	RECEIVED BY: 1.		RECEIVED BY: 2.			
TAT: <u>STANDARD</u> RUSH!!	COMMENTS:  <b>RUSH!</b>	Signature: <u>Kimberly D. McNeill</u>	Signature:	Time: <u>10A</u>	Time:	Signature:	Time:		
DUE DATE: <u>9/17 @ 1600</u>		Printed Name:	Date: <u>9/16/99</u>	Printed Name:	Date:	Printed Name:	Date:		
RUSH SURCHARGE: <u>100%</u>									
CLIENT DISCOUNT: <u>-</u>									
SPECIAL CERTIFICATION									



Pinnacle Laboratories Inc.

# CHAIN OF CUSTODY

DATE: 9-15-99 PAGE: 1 OF 1

PLI Accession #: 909042

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Gary Richardson

COMPANY: Metric Corporation

ADDRESS: 8429 Washington Pl  
Albq, NM 87113

PHONE: 828-2801

FAX: 828-2803

BILL TO: Same

COMPANY: \_\_\_\_\_

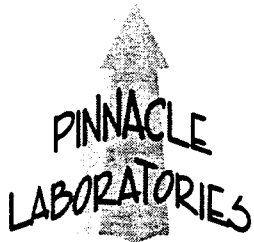
ADDRESS: \_\_\_\_\_

## ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject	(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 (625/6270)	Polynuclear Aromatics (610/6310/6270-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		
Cobisa PW-1	9-15	7:30	H <sub>2</sub> O	01																									X	1
Cobisa PW-1	11	8:30	↓	02																									X	1
Cobisa PW-1	11	9:29	↓	03																									X	1

PLEASE FILL THIS FORM IN COMPLETELY.

<b>PROJECT INFORMATION</b>		<b>PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS</b>		<b>RELINQUISHED BY:</b> 1.		<b>RELINQUISHED BY:</b> 2.	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input checked="" type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK (NORMAL) <input type="checkbox"/>		Signature: <u>Don Briggs</u> Time: <u>10:25</u>		Signature: _____ Time: _____	
PROJ. NAME: <u>Cobisa</u>		CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER		Printed Name: <u>Don Briggs</u> Date: <u>9-15-99</u>		Printed Name: _____ Date: _____	
P.O. NO.:		METHANOL PRESERVATION <input type="checkbox"/>		Company: <u>Metric</u>		Company: _____	
SHIPPED VIA:		COMMENTS: FIXED FEE <input type="checkbox"/>		See reverse side (Force Majeure)			
<b>SAMPLE RECEIPT</b>				<b>RECEIVED BY:</b> 1.		<b>RECEIVED BY: (LAB)</b> 2.	
NO. CONTAINERS	<u>3</u>			Signature: _____ Time: _____		Signature: <u>Manuel</u> Time: <u>10:25</u>	
CUSTODY SEALS	<u>Y/N (NA)</u>			Printed Name: _____ Date: _____		Printed Name: <u>Manuel</u> Date: <u>9/15/99</u>	
RECEIVED INTACT	<u>Yes</u>			Company: _____		Company: <u>Pinnacle Laboratories Inc.</u>	
BLUE ICE	<u>9°C</u>						



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

Pinnacle Lab ID number **909043**  
September 17, 1999

METRIC  
8429 WASHINGTON PLACE NE  
ALBUQUERQUE, NM 87113

Project Name COBISA  
Project Number (none)

Attention: GARY RICHARDSON

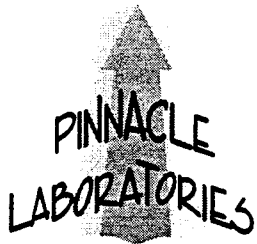
On 9/15/99 Pinnacle Laboratories, Inc. Inc., (ADHS License No. AZ0592 pending), received a request to analyze aqueous samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

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

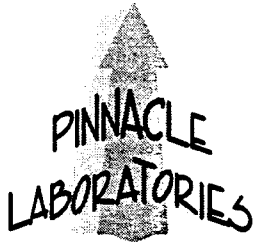
MR: jt

Enclosure



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

CLIENT	: METRIC	PINNACLE ID	: 909043
PROJECT #	: (none)	DATE RECEIVED	: 9/15/99
PROJECT NAME	: COBISA	REPORT DATE	: 9/17/99
PIN		DATE	
ID. #	CLIENT DESCRIPTION	MATRIX	COLLECTED
01	COBISA PW-1	AQUEOUS	9/15/99
02	TRIP BLANK	AQUEOUS	9/13/99



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

GAS CHROMATOGRAPHY RESULTS

TEST : 8021 HALO  
 CLIENT : METRIC  
 PROJECT # : (none)  
 PROJECT NAME : COBISA

PINNACLE I.D.: 909043

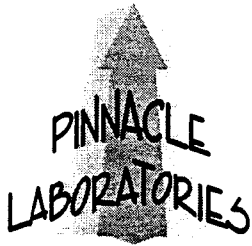
SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	COBISA PW-1	AQUEOUS	9/15/99	NA	9/15/99	1
02	TRIP BLANK	AQUEOUS	9/13/99	NA	9/15/99	1

PARAMETER	DET. LIMIT	UNITS	COBISA PW-1	TRIP BLANK
BROMODICHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2
BROMOFORM	0.5	UG/L	< 0.5	< 0.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2
CHLORO BENZENE	0.5	UG/L	< 0.5	< 0.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5
CHLOROFORM	0.5	UG/L	< 0.5	< 0.5
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2
1,2-DIBROMOETHANE (EDB)	0.2	UG/L	< 0.2	< 0.2
1,2-DICHLORO BENZENE	0.5	UG/L	< 0.5	< 0.5
1,3-DICHLORO BENZENE	0.5	UG/L	< 0.5	< 0.5
1,4-DICHLORO BENZENE	0.5	UG/L	< 0.5	< 0.5
1,1-DICHLOROETHANE	0.3	UG/L	< 0.3	< 0.3
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5
1,1-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2
cis-1,2-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2
METHYLENE CHLORIDE	2.0	UG/L	< 2.0	< 2.0
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5
TETRACHLOROETHENE	0.5	UG/L	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	1.0	UG/L	< 1.0	< 1.0
1,1,2-TRICHLOROETHANE	0.2	UG/L	< 0.2	< 0.2
TRICHLOROETHENE	0.3	UG/L	< 0.3	< 0.3
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5

SURROGATE:  
 BROMOCHLOROMETHANE (%) 96 106  
 SURROGATE LIMITS (73 - 117)

CHEMIST NOTES:  
 N/A





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 Albuquerque, New Mexico 87107  
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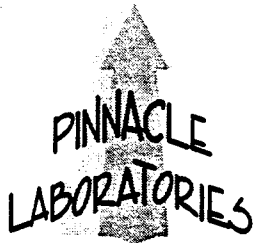
GAS CHROMATOGRAPHY RESULTS  
 REAGENT BLANK

TEST	: EPA 8021	PINNACLE I.D.	: 909043
BLANK I.D.	: 091599	DATE EXTRACTED	: NA
CLIENT	: METRIC	DATE ANALYZED	: 9/15/99
PROJECT #	: (none)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: COBISA		

PARAMETER	UNITS	
BROMODICHLOROMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:  
 BROMOCHLOROMETHANE (%) 95  
 SURROGATE LIMITS (73 - 117)

CHEMIST NOTES:  
 N/A



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

GAS CHROMATOGRAPHY - QUALITY CONTROL  
 MSMSD

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 909043
MSMSD #	: 909041-02	DATE EXTRACTED	: NA
CLIENT	: METRIC	DATE ANALYZED	: 9/15/99
PROJECT #	: (none)	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: COBISA	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
CHLOROBENZENE	<0.5	10.0	10.8	108	10.2	102	6	( 87 - 124 )	20
1,1-DICHLOROETHENE	<0.2	10.0	9.9	99	9.5	95	4	( 80 - 120 )	20
TRICHLOROETHENE	<0.3	10.0	11.6	116	10.2	102	13	( 89 - 127 )	20

CHEMIST NOTES:  
 N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



Pinnacle Laboratories Inc.

**CHAIN OF CUSTODY**

DATE: 9-15-99 PAGE: 1 OF 1

PLI Accession #: 909043

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Gary Richardson  
 COMPANY: Metric Corporation  
 ADDRESS: 3429 Washington Pl NE  
Albuquerque NM 87113  
 PHONE: 828-2801  
 FAX: 828-2803  
 BILL TO: Same  
 COMPANY: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

**ANALYSIS REQUEST**

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject	(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 (8)	RCRA Metals by TCLP (Method 1311) Metals:	NUMBER OF CONTAINERS		
<u>Cobisa PW-1</u>	<u>9/15</u>	<u>9:25</u>	<u>H<sub>2</sub>O</u>	<u>01</u>							<input checked="" type="checkbox"/>																		<u>2</u>
<u>Trip Blank</u>	<u>9/13</u>	<u>1405</u>	<u>"</u>	<u>02</u>							<input checked="" type="checkbox"/>																	<u>1</u>	

PLEASE FILL THIS FORM IN COMPLETELY.

<b>PROJECT INFORMATION</b>		<b>PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS</b>		<b>RELINQUISHED BY: 1</b>		<b>RELINQUISHED BY: 2</b>	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input checked="" type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK	(NORMAL) <input checked="" type="checkbox"/>	Signature:	Time: <u>9:05/25</u>	Signature:	Time:
PROJ. NAME: <u>Cobisa</u>		CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER		Printed Name: <u>Don Burgos</u>	Date: <u>9/15</u>	Printed Name:	Date:
P.O. NO.:		METHANOL PRESERVATION <input type="checkbox"/>		Company: <u>Metric</u>		Company:	
SHIPPED VIA:		COMMENTS: FIXED FEE <input type="checkbox"/>		See reverse side (Forc Magure)			
<b>SAMPLE RECEIPT</b>				<b>RECEIVED BY: 1</b>		<b>RECEIVED BY: (LAB) 2</b>	
NO. CONTAINERS	<u>3</u>			Signature:	Time:	Signature: <u>Francine Torro</u>	Time: <u>1025</u>
CUSTODY SEALS	<u>Y/N (NA)</u>			Printed Name:	Date:	Printed Name: <u>Francine Torro</u>	Date: <u>9/15/99</u>
RECEIVED INTACT	<u>Yes</u>			Company:		Pinnacle Laboratories Inc.	
BLUE ICE/ICE	<u>9°C</u>						