



TOWN OF SILVER CITY  
 P.O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 388-4981

# MICROBIOLOGICAL WATER REPORT

Lab No.	9427	Sample No.	50801009
Date Received	12-2-08	Time Received	4:50

## CHAIN OF CUSTODY CHRONICLE

Sample Relinquished By: _____	Date _____	Time _____
Sample Received By: _____	Date _____	Time _____
Sample Relinquished By: _____	Date _____	Time _____
Sample Received By: _____	Date _____	Time _____

## SAMPLE IDENTIFICATION

Water Supply System Name PAMOWCA	SLD User Code No. - - - - -
County Mont	WSS Code No. NM 35 106-09

## LABORATORY TEST RESULTS

DRINKING WATER:	Date Started 12-2-08	Time Started 1:50
Total Coliforms per 100 ml:	Present <input type="checkbox"/>	Absent <input checked="" type="checkbox"/>
E Coli per 100 ml:	Present <input type="checkbox"/>	Absent <input checked="" type="checkbox"/>
Other _____		
Other Source Water:		
Fecal Coliforms _____	per 100 ml	MF <input type="checkbox"/>

## COLLECTION INFORMATION

Date Collected	Time Collected	Collected By (Please Print)
Mo Day Year 12 02 08	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM 8:02	David Chavez
Collection Location (Please Print) Fire house Sink		

## TYPE OF SYSTEM

Check One

Community  Non-Community  Private Well

Non-Transient Non-Community  Transient Non-Community

Other - Specify \_\_\_\_\_

ICE  Yes  No

Disinfected?  Yes  No Residual: 0.05 mg/L

## TESTING REQUIRED

Check One

Total Coliforms - MF  Fecal - MF

Other \_\_\_\_\_

## REASON FOR SAMPLING

Check One

Routine Sample  Special Sample

Repeat Sample  Monitoring Sample (ED Use Only)

Downstream  Upstream

Original Location  Random Location

ORIGINAL LAB SAMPLE NO. \_\_\_\_\_

Send Report to the following (Names, Address and Phone Number)

Pinos Altos MDW ASSOC.  
 P.O. Box 53027  
 Pinos Altos N.M. 88053

## INVALID SAMPLE

If one of the following is checked, resample.

TNTC Non-Coliforms

Confluent Growth

Turbid Culture

## REJECTED SAMPLE

If one of the following is checked, please resample.

Sample too old. Not received within \_\_\_\_\_ hours of collection.

Temperature violation (above 10° C)

Form incomplete. See circled item.

Date discrepancy.

Leaking sample.

Quantity insufficient for teting.

Quantity too great to permit agitation.

Other \_\_\_\_\_

Method Used: Membrane Filtration

Analyst S. Smith

Date reported 12-3-08



TOWN OF SILVER CITY  
 P. O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 538-3731

# MICROBIOLOGICAL WATER REPORT

Lab No.	INVOICE #
	SC0800962
Date Received	Time Received
11-18-08	8:45

### SAMPLE IDENTIFICATION

Water Supply System Name PAMDWCA	SLD User Code No.
County Grant	WSS Code No. 106-08

### LABORATORY TEST RESULTS

Drinking Water:  
 Total Coliforms per 100 ml:  
 Present  Absent   
 E. Coli per 100 ml:  
 Present  Absent   
 Other \_\_\_\_\_

### COLLECTION INFORMATION

Date Collected Mo Day Year 11 18 08	Time Collected 8:02 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Collected By David C.
Collection Location Kitchen Sink		

Other Source Water:  
 Fecal Coliforms: \_\_\_\_\_ per 100 ml MF   
**INVALID SAMPLE**

### TYPE OF SYSTEM

Check One:  
 Community  Non-Community  Private Well  
 Other - Specify \_\_\_\_\_  
 (999)  
 Disinfected?  Yes  No Residual: 29 mg/L

If one of the following is checked, resample.  
 TNTC Non-Coliforms  
 Confluent Growth  
 Turbid Culture  
**REJECTED SAMPLE**

### TESTING REQUIRED

Check One:  
 Total Coliforms - MF  Fecal - MF  
 Other \_\_\_\_\_

If one of the following is checked, please resample.  
 Sample too old. Not received within \_\_\_\_\_ hours of collection.  
 Temperature violation (above 10° C)  
 Form incomplete. See circled item.  
 Date discrepancy.  
 Leaking sample.  
 Quantity insufficient for testing.  
 Quantity too great to permit agitation.  
 Other \_\_\_\_\_

### REASON FOR SAMPLING

Check One:  
 Routine Sample  Special Sample  
 Repeat Sample  Monitoring Sample (ED use only)

Send Report to the following (Names and Address)

PAM DWCA  
 P.O. BOX 53027  
 PINOS ALTOS, NM 88053

Analyst: S. Smith  
 Date reported: 11-19-08



TOWN OF SILVER CITY  
 P O Box 1188  
 Silver City, New Mexico 88062  
 (505) 538-3731

# MICROBIOLOGICAL WATER REPORT

Lab No.	INVOICE #
Date Received	Time Received

200800826  
 10-7-08 8:50

## SAMPLE IDENTIFICATION

Water Supply System Name <b>PAMDUCA</b>	SLD User Code No.
County <b>Grant</b>	WSS Code No. <b>106-09</b>

## COLLECTION INFORMATION

Date Collected Mo Day Year	Time Collected : : <input type="checkbox"/> AM <input type="checkbox"/> PM	Collected By <b>David C.</b>
Collection Location <b>100708 Behind Sink Purchase</b>		

## TYPE OF SYSTEM

Check One:

Community       Non-Community       Private Well

Other - Specify \_\_\_\_\_

(999)

Disinfected?  Yes     No    Residual: **.42** mg/L

## TESTING REQUIRED

Check One:

Total Coliforms - MF       Fecal - MF

Other \_\_\_\_\_

## REASON FOR SAMPLING

Check One:

Routine Sample       Special Sample

Repeat Sample       Monitoring Sample (ED use only)

Send Report to the following (Names and Address)

**Pinos Altos M DW # 550C**  
**P. O Box 53027**  
**Pinos Altos, NM**  
**88053**

## LABORATORY TEST RESULTS

Drinking Water:

Total Coliforms per 100 ml:  
 Present  Absent

E. Coli per 100 ml:  
 Present  Absent

Other \_\_\_\_\_

Other Source Water:

Fecal Coliforms: \_\_\_\_\_ per 100 ml    MF

**INVALID SAMPLE**

If one of the following is checked, resample.

TNTC Non-Coliforms  
 Confluent Growth  
 Turbid Culture

**REJECTED SAMPLE**

If one of the following is checked, please resample.

Sample too old. Not received within \_\_\_\_\_ hours of collection.  
 Temperature violation (above 10° C)  
 Form incomplete. See circled item.  
 Date discrepancy.  
 Leaking sample.  
 Quantity insufficient for testing.  
 Quantity too great to permit agitation.  
 Other \_\_\_\_\_

Analyst **S Smith**

Date reported **10-8-08**



TOWN OF SILVER CITY  
 P.O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 388-4981

# MICROBIOLOGICAL WATER REPORT

Lab No. <b>9427</b>	Sample No. <b>50800731</b>
Date Received <b>9-2-08</b>	Time Received <b>9:20</b>

## SAMPLE IDENTIFICATION

Water Supply System Name <b>Pinos Altos MDWA</b>	SLD User Code No. -
County <b>Grant</b>	WSS Code No. <b>NM 35 806-09</b>

## LABORATORY TEST RESULTS

DRINKING WATER: Date Started <b>9-2-08</b>	Time Started <b>1:00</b>
Total Coliforms per 100 ml: Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	Date Read <b>9-3-08</b> <b>Read 1:15</b>
E Coli per 100 ml: Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	
Other _____	
Other Source Water: _____	
Fecal Coliforms _____ per 100 ml MF <input type="checkbox"/>	

## COLLECTION INFORMATION

Date Collected Mo Day Year <b>09 02 08</b>	Time Collected " <b>9:00</b>	<input type="checkbox"/> AM <input type="checkbox"/> PM	Collected By (Please Print) <b>David C.</b>
Collection Location (Please Print) <b>fire house</b>			

## TYPE OF SYSTEM

Check One  
 Community  Non-Community  Private Well  
 Non-Transient Non-Community  Transient Non-Community  
 Other - Specify \_\_\_\_\_

ICE  Yes  No  
 Disinfected?  Yes  No Residual: **0.40** mg/L

## TESTING REQUIRED

Check One  
 Total Coliforms - MF  Fecal - MF  
 Other \_\_\_\_\_

## REASON FOR SAMPLING

Check One  
 Routine Sample  Special Sample  
 Repeat Sample  Monitoring Sample (ED Use Only)  
 Downstream  
 Upstream  
 Original Location  
 Random Location

ORIGINAL LAB SAMPLE NO. \_\_\_\_\_

Send Report to the following (Names, Address and Phone Number)

**PAMDWCA**  
**P.O. Box 53027**  
**Pinos Altos, NM 88053**

## INVALID SAMPLE

If one of the following is checked, resample.

- TNTC Non-Coliforms
- Confluent Growth
- Turbid Culture

## REJECTED SAMPLE

If one of the following is checked, please resample.

- Sample too old. Not received within \_\_\_\_\_ hours of collection.
- Temperature violation (above 10° C)
- Form incomplete. See circled item.
- Date discrepancy.
- Leaking sample.
- Quantity insufficient for teting.
- Quantity too great to permit agitation.
- Other \_\_\_\_\_

Method Used: Membrane Filtration

Analyst **S. Smith**

Date reported **9-3-08**



TOWN OF SILVER CITY  
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 Silver City, New Mexico 88062  
 (505) 538-3731

# MICROBIOLOGICAL WATER REPORT

Lab No.	INVOICE # SC0800624
Date Received 8-5-08	Time Received 9:36

## SAMPLE IDENTIFICATION

Water Supply System Name PHMDWCA	SLD User Code No.
County Grant	WSS Code No. 106-05

## LABORATORY TEST RESULTS

Drinking Water:

Total Coliforms per 100 ml:  
 Present  Absent

E. Coli per 100 ml:  
 Present  Absent

Other: \_\_\_\_\_

## COLLECTION INFORMATION

Date Collected Mo Day Year 08 05 08	Time Collected 6:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Collected By David R Chavez
Collection Location Fire Station		

## TYPE OF SYSTEM

Check One:

Community  Non-Community  Private Well

Other - Specify \_\_\_\_\_  
(999)

Disinfected?  Yes  No Residual: \_\_\_\_\_ mg/L

Other Source Water: \_\_\_\_\_

Fecal Coliforms: \_\_\_\_\_ per 100 ml MF

**INVALID SAMPLE**

If one of the following is checked, resample.

- TNTC Non-Coliforms
- Confluent Growth
- Turbid Culture

**REJECTED SAMPLE**

## TESTING REQUIRED

Check One:

Total Coliforms - MF  Fecal - MF

Other \_\_\_\_\_

If one of the following is checked, please resample.

- Sample too old. Not received within \_\_\_\_\_ hours of collection.
- Temperature violation (above 10° C)
- Form incomplete. See circled item.
- Date discrepancy.
- Leaking sample.
- Quantity insufficient for testing.
- Quantity too great to permit agitation.
- Other \_\_\_\_\_

## REASON FOR SAMPLING

Check One:

Routine Sample  Special Sample

Repeat Sample  Monitoring Sample (ED use only)

Send Report to the following (Names and Address)

Pinos A HOS NOW A SOC.  
 P.O. Box 53027  
 PINO ALTOS, NM 88053

Analyst S. Smith

Date reported 8-6-08



TOWN OF SILVER CITY  
 P. O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 538-3731

# MICROBIOLOGICAL WATER REPORT

Lab No.	INVOICE #
Date Received	Time Received

7-1-08 9:20  
 SC0800534

### SAMPLE IDENTIFICATION

Water Supply System Name PAMDWA	SLD User Code No.
County Grant	WSS Code No.

### LABORATORY TEST RESULTS

Drinking Water:  
 Total Coliforms per 100 ml:  
 Present  Absent   
 E. Coli per 100 ml:  
 Present  Absent   
 Other \_\_\_\_\_  
 Other Source Water:  
 Fecal Coliforms: \_\_\_\_\_ per 100 ml MF

### COLLECTION INFORMATION

Date Collected Mo Day Year	Time Collected 6:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Collected By David Chavez
Collection Location Fire House sink			

### TYPE OF SYSTEM

Check One:  
 Community  Non-Community  Private Well  
 Other - Specify \_\_\_\_\_  
 (999)  
 Disinfected?  Yes  No Residual: \_\_\_\_\_ mg/L

### TESTING REQUIRED

Check One:  
 Total Coliforms - MF  Fecal - MF  
 Other \_\_\_\_\_

### REASON FOR SAMPLING

Check One:  
 Routine Sample  Special Sample  
 Repeat Sample  Monitoring Sample (ED use only)

Send Report to the following (Names and Address)

PINOS ALTOS MDWA  
 PO Box 53027  
 HAN PINOS ATOS, NM 88053

If one of the following is checked, resample.  
 TNTC Non-Coliforms  
 Confluent Growth  
 Turbid Culture  
**INVALID SAMPLE**

If one of the following is checked, please resample.  
 Sample too old. Not received within \_\_\_\_\_ hours of collection.  
 Temperature violation (above 10° C)  
 Form incomplete. See circled item.  
 Date discrepancy.  
 Leaking sample.  
 Quantity insufficient for testing.  
 Quantity too great to permit agitation.  
 Other \_\_\_\_\_

Analyst S. Smith  
 Date reported 7-2-08



TOWN OF SILVER CITY  
 P. O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 538-3731

# MICROBIOLOGICAL WATER REPORT

Lab No.

INVOICE #

50800946

Date Received

6-3-08

Time Received

9:30

### SAMPLE IDENTIFICATION

Water Supply System Name

SLD User Code No.

County

WSS Code No.

PAMDWCA

Grant

106-09

### COLLECTION INFORMATION

Date Collected  
 Mo Day Year

Time Collected

AM

Collected By

PM

Collection Location

660208

Face house

DAVID R. HUGHES

### TYPE OF SYSTEM

Check One:

Community

Non-Community

Private Well

Other - Specify \_\_\_\_\_

(999)

Disinfected?  Yes  No

No

Residual: \_\_\_\_\_

mg/L

### TESTING REQUIRED

Check One:

Total Coliforms - MF

Fecal - MF

Other \_\_\_\_\_

### REASON FOR SAMPLING

Check One:

Routine Sample

Special Sample

Repeat Sample

Monitoring Sample  
 (ED use only)

Send Report to the following (Names and Address)

PAMDWCA  
 P.O. Box 53027

Plus Altos, NM  
 88053

### LABORATORY TEST RESULTS

Drinking Water:

Total Coliforms per 100 ml:

Present

Absent

E. Coli per 100 ml:

Present

Absent

Other \_\_\_\_\_

Other Source Water:

Fecal Coliforms: \_\_\_\_\_ per 100 ml

MF

INVALID SAMPLE

If one of the following is checked, resample.

TNTC Non-Coliforms

Confluent Growth

Turbid Culture

REJECTED SAMPLE

If one of the following is checked, please resample.

Sample too old. Not received within \_\_\_\_\_ hours of collection.

Temperature violation (above 10° C)

Form incomplete. See circled item.

Date discrepancy.

Leaking sample.

Quantity insufficient for testing.

Quantity too great to permit agitation.

Other \_\_\_\_\_

Analyst

Date reported

S. Smith

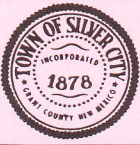
6-4-08











TOWN OF SILVER CITY  
 P.O. Box 1188  
 Silver City, New Mexico 88062  
 (505) 388-4981

# MICROBIOLOGICAL WATER REPORT

Lab No. <b>9427</b>	Sample No. <i>SC08000023</i>
Date Received <i>1-8-08</i>	Time Received <i>7:20</i>

## SAMPLE IDENTIFICATION

Water Supply System Name <i>Pinos Altos MDW</i>	SLD User Code No. - - - - -
County <i>Grant</i>	WSS Code No. <i>NM 35 106-09</i>

## LABORATORY TEST RESULTS

DRINKING WATER: <i>1-8-08</i>	Date Started	Time Started <i>7:00</i>
Total Coliforms per 100 ml: Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	Date Read <i>1-9-08</i>	
E Coli per 100 ml: Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	Other _____	

## COLLECTION INFORMATION

Date Collected Mo Day Year <i>01 08 08</i>	Time Collected " <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM <i>6:00</i>	Collected By (Please Print) <i>David Pacheco</i>
Collection Location (Please Print) <i>site 1 Laurel</i>		

## TYPE OF SYSTEM

Check One  
 Community  Non-Community  Private Well  
 Non-Transient Non-Community  Transient Non-Community  
 Other - Specify \_\_\_\_\_

ICE  Yes  No  
 Disinfected?  Yes  No Residual: \_\_\_\_\_ mg/L

## TESTING REQUIRED

Check One  
 Total Coliforms - MF  Fecal - MF  
 Other \_\_\_\_\_

## REASON FOR SAMPLING

Check One  
 Routine Sample  Special Sample  
 Repeat Sample  Monitoring Sample (ED Use Only)  
 Downstream  Upstream  
 Original Location  Random Location

ORIGINAL LAB SAMPLE NO. \_\_\_\_\_

Send Report to the following (Names, Address and Phone Number)

*PAMDWCA*  
*P.O. Box 53027*  
*Pinos Altos, N.M. 88053*

## INVALID SAMPLE

If one of the following is checked, resample.

- TNTC Non-Coliforms
- Confluent Growth
- Turbid Culture

## REJECTED SAMPLE

If one of the following is checked, please resample.

- Sample too old. Not received within \_\_\_\_\_ hours of collection.
- Temperature violation (above 10° C)
- Form incomplete. See circled item.
- Date discrepancy.
- Leaking sample.
- Quantity insufficient for teting.
- Quantity too great to permit agitation.
- Other \_\_\_\_\_

Method Used: Membrane Filtration

Analyst *S. Smith*

Date reported *1-9-08*

Date: 11/03/08

### ANALYTICAL REPORT

To: Pinos Altos MDWCA  
Attn: Cheryl Speir-Phillips  
P.O. Box 53027  
Pinos Alto, NM 88053

Purchase Order #

Below are the results for submitted sample(s). (MDL=Method detection limit)

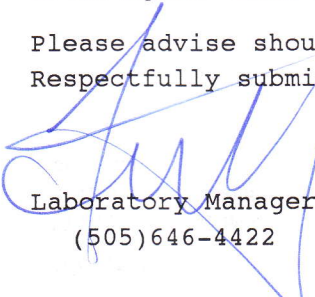
Sample I.D. AC15145

Sample Description: Dist System 10609000 0001  
Sample collection date: 10/07/08 Sample collection time: 15:00  
Submittal date: 10/08/08 Submittal time: 15:07  
WSS# 10609 Request ID No. U87478 Collector: M. SCARSELLA  
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Total Trihalomethanes	524.2		ug/L		10/11/08	MAC
bromodichlormethane	524.2	1.44	ug/L	0.5	10/11/08	MAC
bromoform	524.2	6.68	ug/L	0.5	10/11/08	MAC
dibromochloromethane	524.2	4.10	ug/L	0.5	10/11/08	MAC
chloroform	524.2	Not detected	ug/L	0.5	10/11/08	MAC
Total trihalomethanes	524.2	12.2	ug/L	0.5	10/11/08	MAC
Haloacetic acids by EPA 552.1	552.1		ug/L		10/27/08	JHD
Dibromoacetic acid	552.1	Not detected	ug/L	0.8	10/27/08	JHD
Dichloroacetic acid	552.1	Not detected	ug/L	1.5	10/27/08	JHD
Monobromoacetic acid	552.1	Not detected	ug/L	1.2	10/27/08	JHD
Monochloroacetic acid	552.1	Not detected	ug/L	1.3	10/27/08	JHD
Trichloroacetic acid	552.1	Not detected	ug/L	0.9	10/27/08	JHD
Total Trihaloacetic acids	552.1	Not detected	ug/L	1.5	10/27/08	JHD

Results relate only to the items tested. This report shall not be reproduced except in full, without the written approval of the laboratory. This laboratory is accredited by the American Association for Laboratory Accreditation (A2LA) and the results shown in this report have been determined in accordance with the laboratory's terms of accreditation unless stated otherwise in the report. Those tests not presently accredited are noted by a hyphen.

Please advise should you have questions concerning these data.  
Respectfully submitted,

  
Laboratory Manager  
(505) 646-4422

# *Quality Water Report*

## **PINOS ALTOS MDWC ASSOCIATION**

JUNE 1, 2008

Para recibir una explicación de este reporte en Español, por favor de ponerse en contacto con el señor Mark Johnson 534-9367, o deje una nota en P O Box 53027, Pinos Altos, NM 88053.

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is ***THE TOWN OF SILVER CITY***.

Pinos Altos MDWC Association is pleased to report that our drinking water is safe and meets federal and state requirements.

We want our valued members to be informed about their water utility so if you have any questions about this report or concerning your water utility, please contact **Mark Johnson**, 534-9367. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Thursday of each month, 7:00 P.M. at the Pinos Altos Fire Station.

The Pinos Altos MDWC Assoc. routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2007. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

- *Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- *Maximum Contaminant Level* - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- *Maximum Contaminant Level Goal* - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- *Non-Detects (ND)* - laboratory analysis indicates that the contaminant is not present.
- *Parts per million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.
- *Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

- *Picocuries per liter (pCi/L)* - picocuries per liter is a measure of the radioactivity in water.
- *Treatment Technique (TTT)* - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.
- *TTHMS* – This term means Total Trihalomethanes. These contaminants are byproducts of chlorination (for disinfection) of your drinking water.

<b>TEST RESULTS</b>						
Contaminant (Unit Measurement)	Violation Y/N	Average Detected	Range of Detections	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>						
Total Coliform Bacteria / 12 Samples Yearly - 2007	No	ND	N/A	0	1	Naturally present in the environment
<b>Disinfection ByProducts</b>						
Haloacetic Acids ppb	N	12.86 (2007)	ND- 127.96	60	60	Byproduct of chlorination for disinfection of water formed when chlorine reacts to organics in water.
TTHM (Total Trihalomethanes) ppm	N	0.012 (2007)	0.001- 0.022	80	80	Byproduct of chlorination for disinfection of water formed when chlorine reacts to organics in water.
<b>Inorganic Contaminants</b>						
Arsenic (ppb)	N	1.35 (2005)	1.3-1.4	0	10*	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
* These Arsenic values are effective January 23, 2006. Until then, the MCL is 0.05 mg/L and there is no MCLG.						
Barium (ppb)	N	7.27 (2005)	5.96-8.59	2,000	2,000	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chlorine	N	0.38 (2007)	0.01-0.67	4	4	Water additive used to control microbes.
Chromium (ppb)	N	5.6 (2005)	5.5-5.7	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper (ppm) 7/23/06 Result, 5 samples tested, 90 <sup>th</sup> Percentile Reported	N	0.1688 (2006)	.02184- .19943	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride (ppm)	N	1.11 (2005)	1.08-1.15	4	4	Erosion of natural deposits, discharge from fertilizer and aluminum factories
Lead (ppb) 7/23/06 Result, 5 samples tested, 90 <sup>th</sup> Percentile Reported	N	0.00252 (2006)	.00091- .00323	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Nickel (ppb)	N	1.81 (2005)	1.79-1.84	100	100	Erosion of natural deposits, discharge from fertilizer and aluminum factories.
Nitrate (ppm)	N	0.85 (2007)	0.62-1.09	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium (ppb)	N	3.8 (2005)	3.7-4.0	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Thallium (ppb)	N	0.02 (2005)	ND-0.05	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories

## Radioactive Contaminants

Alpha Emitters (pCi/l)	No	6.60 (2004)	5.60-6.60	0	15	Erosion of natural deposits
Beta/photo Emitters (pCi/l)	No	2.30 (2004)	2.10-2.30	0	50	Decay of natural and man-made deposits.
Combined Radium (pCi/l)	No	0.20 (2004)	ND – 0.20	0	5	Erosion of natural deposits

The substances listed in this table are not regulated by the EPA; however, the Town of Silver City Utilities Department receives frequent calls about them, so this information is provided as a service to our members.

## UNREGULATED SUBSTANCES

Substance (Units)	Range of Detection	Average Detected	EPA Suggested Limit
Alkalinity (ppm)	157 – 203	176	N/A
Hardness (ppm)	132 - 200	162 (Medium)	N/A
pH – Acidity (pH Units)	7.16 - 7.69	7.5	N/A
Sodium (ppm)	18.7 – 34.7	25.4	N/A
Total Dissolved Solids (ppm)	190 – 279	217	N/A

### *What does this mean?*

**As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that your water IS SAFE at these levels.**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

The Source Water Assessment (SWA) Report is intended primarily to provide water utility companies, and water customers with information about the susceptibility of their water supplies to contamination. The report was provided to the Pinos Altos MDWC Assoc. Supply System for initial review and is now available at the State of New Mexico Environment Department Drinking Water Bureau, 525 Camino de Los Marquez, Suite 4, Santa Fe, NM 87505.

Copies may also be requested by emailing the Drinking Water Bureau at [SWAPP@nmenv.state.nm.us](mailto:SWAPP@nmenv.state.nm.us) or by calling (505)827-7536 (toll free 1-877-654-8720). Please include your name, address, telephone

number and email address, and the name of the Water System. NMED-DWB may charge a nominal fee for paper copies.

In conclusion, the Pinos Altos Water System is well maintained and operated, and sources of drinking water are generally protected from potential sources of contamination based on well construction, hydrogeologic settings, and system operations and management. The susceptibility rank of the entire water system is high.

Although throughout the United States it is common to find potential sources of contamination located atop wellheads, continued regulatory oversight, wellhead protection plans, and other planning efforts continue to be primary methods of protecting and ensuring high quality drinking water.