Soil **W**ater and **A**ir **T**esting **Lab**
New Mexico State University
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Report # 0112101407

Date: 12/10/01

ANALYTICAL REPORT

To: Pinos Altos MDWCA 534-9367
Attn: David Vandenberg
P.O. Box 53027
Pinos Altos, NM 88053

Purchase Order #

Below are the results for Lead/Copper Rule. (MDL=Method detection limit)

Sample I.D. AB31415

Sample Description: 4774 Highway 15 Kitchen
Sample collection date: 10/26/01 Sample collection time: 06:05
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: MARY HUMPH
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	Not detected	ug/L	0.1	12/07/01	MBL
Copper	200.8	69.3	ug/L	0.4	12/07/01	MBL

Sample I.D. AB31416

Sample Description: 15 Main Street Kitchen
Sample collection date: 10/28/01 Sample collection time: 05:10
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: DONNA SAMUE
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	Not detected	ug/L	0.1	12/07/01	MBL
Copper	200.8	86.2	ug/L	0.4	12/07/01	MBL

Sample I.D. AB31417

Sample Description: 50 Bear Creek Rd. Kitchen
Sample collection date: 10/28/01 Sample collection time: 06:00
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: D VANDENBUR
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	Not detected	ug/L	0.1	12/07/01	MBL
Copper	200.8	115.4	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31418**

Sample Description: 4750 HWY 15 Kitchen
Sample collection date: 10/28/01 Sample collection time: 06:30
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: A WILLIAMS
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	23.4	ug/L	0.1	12/07/01	MBL
Copper	200.8	96.6	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31419**

Sample Description: 35 Norton Kitchen
Sample collection date: 10/28/01 Sample collection time: 06:30
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: S WONDZELL
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	Not detected	ug/L	0.1	12/07/01	MBL
Copper	200.8	16.4	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31420**

Sample Description: 17 Rock Bathroom
Sample collection date: 10/28/01 Sample collection time: 08:40
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: FRANK BLAKE
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	0.2	ug/L	0.1	12/07/01	MBL
Copper	200.8	176.0	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31421**

Sample Description: 9 Rock Street Kitchen
Sample collection date: 10/29/01 Sample collection time: 05:25
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: STEVE BLAKE
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	Not detected	ug/L	0.1	12/07/01	MBL
Copper	200.8	83.7	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31422**

Sample Description: 8 Hillside Kitchen
Sample collection date: 10/29/01 Sample collection time: 05:30
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: TOM BARRY
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	0.7	ug/L	0.1	12/07/01	MBL
Copper	200.8	270.8	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31423**

Sample Description: 4824 HWY 15 Kitchen
Sample collection date: 10/29/01 Sample collection time: 06:30
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: SUSAN BRYANT
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	8.0	ug/L	0.1	12/07/01	MBL
Copper	200.8	67.3	ug/L	0.4	12/07/01	MBL

Sample I.D. **AB31424**

Sample Description: 30 Main Street Kitchen
Sample collection date: 10/29/01 Sample collection time: 07:30
Submittal date: 10/31/01 Submittal time: 10:31
WSS# Request ID No. Collector: G MACGRUMBL
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Lead	200.8	0.8	ug/L	0.1	12/07/01	MBL
Copper	200.8	54.1	ug/L	0.4	12/07/01	MBL

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

Andrew Lee Bristol

Andrew Lee Bristol
Laboratory Manager
(505)646-4422

Annual Drinking Water Quality Report
Pinos Altos MDWC Assoc.
June 1, 2001

We're very pleased to provide you with this year's Annual Quality Water Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is the Town of Silver City.

I'm pleased to report that our drinking water is safe and meets federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact David Vandenberg, 534-9367. We want our valued customers to be informed about their water utility. 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 constituents 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, 2000. 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 drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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:

Non-Detects (ND) - laboratory analysis indicates that the constituent 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.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - (mandatory language) 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 - (mandatory language) 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.

TEST RESULTS						
Contaminant	*Violation Y/N*	*Level Detected*	*Unit Measurement*	*MCLG*	*MCL*	*Likely Source of Contamination*
Microbiological Contaminants						
1. Total Coliform Bacteria	No	0		0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Inorganic Contaminants						
19. Nitrate (as Nitrogen)	No	*2.8*	*ppm*	*10*	*10*	*Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits*
Volatile Organic Contaminants						
73. TTHM [Total trihalomethanes]	No	13	ppb	0	100	By-product of drinking water chlorination
UNREGULATED CONTAMINANTS		Average	Range			
Bromodichloromethane		*0.9*	*ND-2*			*This is a component of total* trihalomethanes
Bromoform		*4.1*	*ND-10*			This is a component of total trihalomethanes
Chloroform		0	ND-1			This is a component of total trihalomethanes
Dibromochloromethane		2	ND-4			This is a component of total trihalomethanes$

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 constituents have been detected. The EPA has determined that your water IS SAFE at these levels.

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.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL *level for a lifetime to have a one-in-a-million chance of having the described health effect.*

Total Coliform: The Total Coliform Rule requires water systems to meet a stricter limit for coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests *are done to determine if harmful bacteria are present in the water supply. If this limit is*

exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

Nitrates: As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.

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).

Please call our office if you have questions at 534-9367.