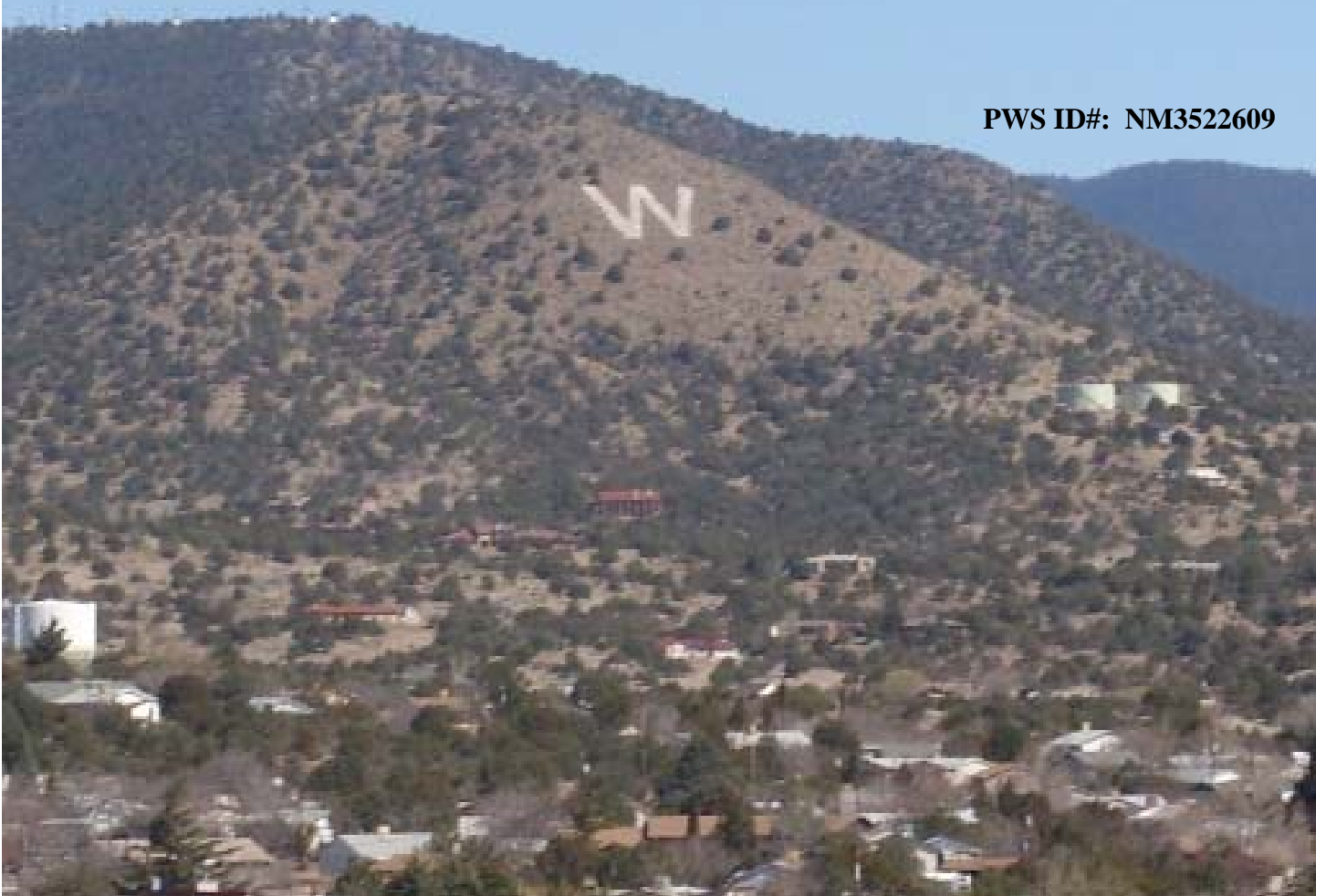


Town of Silver City
Drinking Water Quality Report

Water Testing performed in 2007

PWS ID#: NM3522609



Continuing Our Commitment

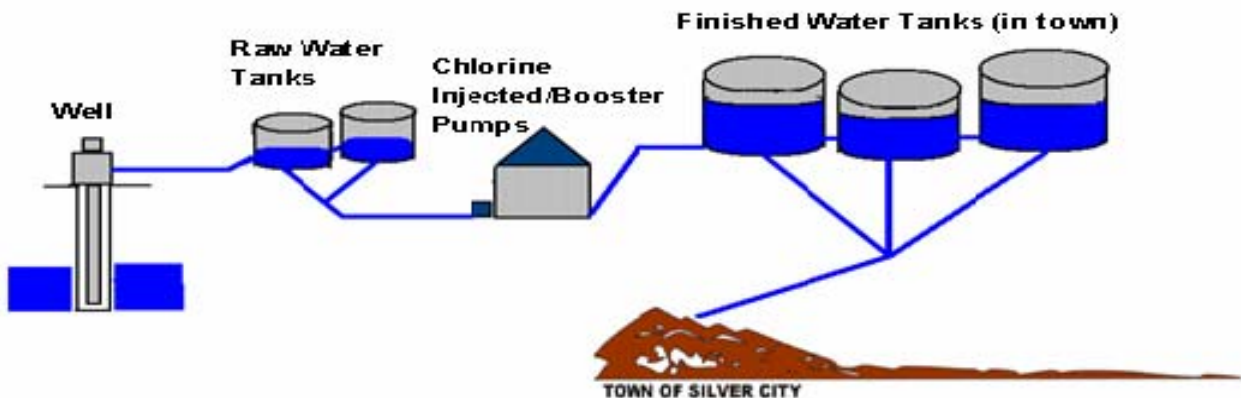


Once again we proudly present the Town of Silver City's Annual Drinking Water Quality Report

This report covers all testing completed from January through December 2007. We are pleased to inform you that our compliance with all state and federal drinking water laws remain exemplary. As in the past, we are committed to delivering the best quality drinking water. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water

For more information about this report or for any questions relating to our drinking water, please contact the Utilities Department at (575) 534-6365. You may also email Robert Esqueda, Utilities Director at resqueda@qwest.net or Norma Ramirez, Utilities Executive Secretary at norma.scutilities@hotmail.com.

Where Does My Water Come From?



Silver City's water is supplied solely by ground water that is pumped out of wells located in two separate well fields. The Frank's Well Field is comprised of four wells that all draw from the Gila-San Francisco Water Basin. The second well field is the Woodward Well Field that is comprised of six wells that all draw from the Mimbres Water Basin. Two additional wells that are not considered part of the Woodward Well Field also supply the Town with water. They are the Gabby Hayes Well and the Anderson Well which both draw from the Mimbres Water Basin.

Source Water Assessment & Protection (SWAP)

The Source Water Assessment and Protection (SWAP) program assesses the susceptibility of public water supplies to potential contamination by micro-biological pathogens and chemicals. A susceptibility ranking of high was assigned to this system using the information collected during the assessment by the Environment Department. The complete SWAP report is available at the State of New Mexico Environment Department Drinking Water Bureau, 525 Camino de los Marquez, Suite 4, Santa Fe, NM 87505. You may also request copies by emailing the Drinking Water Bureau at SWAPP@nmenv.state.nm.us or by calling (505) 827-7536 (toll free 1-800-654-8720).

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

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonable 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.



Important Health Information

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 may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-791.

Gente Con Condiciones Inmunológicas Especiales

Algunas personas pueden ser más vulnerables, a elementos contaminantes en el agua, que la mayoría de la población. Gente con condiciones inmunológicas especiales, como; pacientes de cáncer que reciben tratamientos de quimioterapia, pacientes receptores de órganos transplataados, individuos afectados por VIH/SIDA, gente de avanzada edad o recién nacidos, pueden ser particularmente más vulnerables a infecciones. Dichos grupos deben buscar recomendaciones específicas, en referencia a la ingestión de agua potable, de sus proveedoras de servicio de salud. Mayor información se encuentra concentrada en un conjunto de normas y pautas, de USEPA/Center for Disease Control, destinadas a minimizar las posibilidades y efectos de infección causada por *Cryptosporidium* y otros contaminantes microbianos, y disponibles a través del Safe Drinking Hotline (800) 426-4791.

Table Definitions

90th Percentile: Out of every 10 homes sampled, 9 were at or below this level.

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL (Maximum Contaminant Level): 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.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk of health. MCLGs allow for a margin of safety.

ND (Non-Detects): Not detected. Contaminant is not present.

ppb (parts per billion): One part substance per billion parts water or 1 minute in 2,000 years.

ppm (parts per million): One part substance per million parts water or 1 minute in 2 years.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

pCi/L: (Picocuries per liter): a measurement of radioactivity in water.

The substances listed in this table are not regulated by the EPA; however, the Utilities Department receives frequent calls about them, so we provide this information as a service to our customers.

UNREGULATED SUBSTANCES

Substance (Units)	Range of Detections	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



Results of Monitoring at

Entry Points to the Distribution System

SUBSTANCE (UNITS)	YEAR SAMPLED	MCL	MCLG	AVERAGE DETECTED	RANGE HI-LOW	MEETS EPA STANDARDS	TYPICAL SOURCE
<u>METALS</u>							
Arsenic (ppb)	2005	10	0	1.35	1.3 – 1.4	YES	Erosion of natural deposits; runoff from orchards, glass and electronics product waste.
Barium (ppb)	2005	2,000	2,000	7.27	5.96 – 8.59	YES	Discharge of drilling waste, metal refineries, erosion of natural deposits.
Chromium (ppb)	2005	100	100	5.6	5.5 – 5.7	YES	Discharge from steel and pulp mills, erosion of natural deposits.
Nickel (ppb)	2005	100	100	1.81	1.79 – 1.84	YES	Erosion of natural deposits or discharge from mining or refinery.
Selenium (ppb)	2005	50	50	3.8	3.7 – 4.0	YES	Discharge from petroleum refineries and mines or erosion of natural deposits.
Thallium (ppb)	2005	2	0.5	0.02	ND – 0.05	YES	Leaching from ore-processing sites, discharge from electronics, glass and drug factories.
<u>MINERALS</u>							
Fluoride (ppm)	2005	4	4	1.11	1.08 – 1.15	YES	Erosion of natural deposits, discharge from fertilizer and aluminum factories.
<u>NUTRIENTS</u>							
Nitrate (ppm)	2006	10	10	1.12	0.98 – 1.25	YES	Runoff from fertilizer use, leaching from septic tanks, sewage erosion of natural deposits.
<u>RADIOLOGICAL</u>							
Alpha Emitters (pCi/L)	2004	15	0	6.60	5.60 – 6.60	YES	Erosion of natural deposits.
Beta/Photon Emitters (pCi/L)	2004	50	0	2.30	2.10 – 2.30	YES	Decay of natural and manmade deposits.
Combined Radium (pCi/L)	2004	5	0	0.25	ND – 0.25	YES	Erosion of natural deposits.



US EPA sets regulations that limit the amount of certain substances in drinking water. US EPA defines where and how often samples for each substance must be collected. The table below shows the substances found in samples collected at customer taps throughout the distribution system in 2006.

Monitoring Results Throughout Distribution System

SUBSTANCE (UNITS)	YEAR SAMPLED	MCL	MCLG	AVERAGE DETECTED	RANGE HI-LOW	MEETS EPA STANDARDS	TYPICAL SOURCE
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DISINFECTANTS

Chlorine (ppm)	2006	4	4	0.38	0.01 – 0.75	<input checked="" type="checkbox"/> YES	Water additive used to control microbes.
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DISINFECTION BY-PRODUCTS

Haloacetic Acids (ppb)	2006	60	60	1.87	ND – 7.97	<input checked="" type="checkbox"/> YES	By-product of chlorination for disinfection of water formed when chlorine reacts to organics in water.
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{TTHM's} Total Trihalomethanes (ppm)	2006	80	80	0.006	ND – 0.012	<input checked="" type="checkbox"/> YES	By-product of chlorination for disinfection of water formed when chlorine reacts to organics in water.
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LEAD & COPPER

Copper (ppm) 90 th Percentile	2005	AL=1.3	1.3	0.09	0.005 - 0.375	<input checked="" type="checkbox"/> YES	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
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Lead (ppb) 90 th Percentile	2005	AL=15	0	1.02	0.18 – 3.20	<input checked="" type="checkbox"/> YES	Corrosion of household plumbing systems, erosion of natural deposits.
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MICROBIOLOGICAL

Total Coliforms/ 180 Samples Yearly	2006	1	0	ND	0	<input checked="" type="checkbox"/> YES	Coliforms are naturally present in the environment; not a health threat in itself; it is used to indicate whether other potential harmful bacteria may be present.
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As you can see by the table above, our system had no violations. We strive to assure that your drinking water meets or exceeds all Federal and State requirements.

If you have any questions about this report or concerning your water utility, please contact the Town of Silver City's Utilities Department at (505) 534-6365. Para recibir una explicacion de este reporte en espanol, por favor de ponerse en contacto con nuestra oficina hal (505) 534-6365.



Town of Silver City
Utilities Department
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