## 2018 Consumer Confidence Report

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| Water System Name: | **West Side Park Mutual Water Company** | Report Date: | June 18, 2019 |

*We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2018 and may include earlier monitoring data.*

**Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse a para asistirlo en español.**

**这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 WEST SIDE PARK MUTUAL WATER COMPANY 以获得中文的帮助: 40317 11TH St. West, Palmdale, CA 93551, 877-500-3880.**

**Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa West Side Park Mutual Water Co., 40317 11th Street West, Palmdale, CA 93551 o tumawag sa 877-500-3880, para matulungan sa wikang Tagalog.**

**Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ West Side Park Mutual Water Company,tại 40317 11th Street West, Palmdale, CA 93551. 877-500-3880,để được hỗ trợ giúp bằng tiếng Việt.**

**Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau ntawm West Side Park Mutual Water Co., 40317 11th Street West, Palmdale, CA 93551, 877-500-3880 rau kev pab hauv lus Askiv.**

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| Type of water source(s) in use: | | Two Ground Water Wells | | | | | |
| Name & general location of source(s): | | | Well 01 – 40317 11th Street West, Palmdale, CA | | | | |
| Well 02 - 40317 11th Street West, Palmdale, CA | | | | | | | |
| Drinking Water Source Assessment information:  Well 01 assessment was completed in April of 2002 by LPA, Los Angeses Co, and may be viewed at 5050 Commerce Dr., Baldwin Park, CA 91706, or also at the Company Office.  Well 02 Assessment was completed in 2007 by the Company and may be viewed at the address listed above.  \*\*\*There has been no incidence of contamination arising from the listed vulnerability activities. | | | | Well 01- The source is considered most vulnerable to the following activities not associated with any detected contaminants, Septic Systems-high density (<1 acre) Well 01 at this time, no chemicals have been detected that will affect the quality of the drinking water.  Well 02- Has shown no vulnerability at this time associated with the chemicals in the water. The Source is considered most vulnerable to the following activities not associated with any detected contaminants: Septic systems – high density (< 1 acre), above ground storage tanks, and animal operations that may be in the proximity. | | | |
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| Time and place of regularly scheduled board meetings for public participation:  Monthly meetings are held the first Thurs of ea. month at 7:00 p.m.. Shareholders are welcome to attend. If you wish to address the board on an issue, please call ahead, 48 hrs in advance of the meeting, to be put on the agenda | | | | |  | | |
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| For more information, contact: | Mary Wood | | | | | Phone: | ( 877-500-3880 ) |

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| **TERMS USED IN THIS REPORT** | |
| **Maximum Contaminant Level (MCL)**: The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.  **Maximum Contaminant Level Goal (MCLG)**: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (U.S. EPA).  **Public Health Goal (PHG)**: The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.  **Maximum Residual Disinfectant Level (MRDL)**: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.  **Maximum Residual Disinfectant Level Goal (MRDLG)**:The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.  **Primary Drinking Water Standards (PDWS)**: MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements. | **Secondary Drinking Water Standards (SDWS)**:MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.  **Treatment Technique (TT)**: A required process intended to reduce the level of a contaminant in drinking water.  **Regulatory Action Level (AL)**: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.  **Variances and Exemptions**: Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.  **Level 1 Assessment**: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.  **Level 2 Assessment**: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.  **ND**: not detectable at testing limit **ppm**: parts per million or milligrams per liter (mg/L) **ppb**: parts per billion or micrograms per liter (µg/L) **ppt**: parts per trillion or nanograms per liter (ng/L)  **ppq**: parts per quadrillion or picogram per liter (pg/L) **pCi/L**: picocuries per liter (a measure of radiation) |

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**The sources of drinking water** (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

**Contaminants that may be present in source water include:**

* *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
* *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
* *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
* *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
* *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

**In order to ensure that tap water is safe to drink**, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

**Tables 1, 2, 3, 4, 5, and 6 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent**. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

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| Table 1 – SAMPLING RESULTS SHOWING the detection of coliform bacteria | | | | | | | | | | | | |
| **Microbiological Contaminants** (complete if bacteria detected) | | **Highest No. of Detections** | | **No. of Months in Violation** | | MCL | | | | | **MCLG** | **Typical Source of Bacteria** |
| Total Coliform Bacteria (state Total Coliform Rule) | | (In a month)  0 | | 0 | | 1 positive monthly sample | | | | | 0 | Naturally present in the environment |
| Fecal Coliform or *E. coli* (state Total Coliform Rule) | | (In the year)  0 | | 0 | | A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or *E. coli* positive | | | | |  | Human and animal fecal waste |
| *E. coli*  (federal Revised Total Coliform Rule) | | (In the year)  0 | | 0 | | (a) | | | | | 0 | Human and animal fecal waste |
| (a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*. | | | | | | | | | | | | |
| Table 2 – SAMPLING RESULTS SHOWING THE detection of Lead and copper | | | | | | | | | | | | |
| Lead and Copper (complete if lead or copper detected in the last sample set) | **Sample Date** | | **No. of Samples Collected** | | **90th Percentile Level Detected** | | **No. Sites Exceeding AL** | **AL** | **PHG** | **No. of Schools Requesting Lead Sampling** | | **Typical Source of Contaminant** |
| Lead (ppb) | 2/09/16 | | 10 | | N/D | | None | 15 | 0.2 |  | | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |
| Copper (ppm) | 2/09/16 | | 10 | | 0.55 | | None | 1.3 | 0.3 | Not applicable | | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

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| TAble 3 – SAMPLING RESULTS FOR sodium and hardness | | | | | | | |
| **Chemical or Constituent** (and reporting units) | **Sample Date** | | **Level Detected** | **Range of Detections** | **MCL** | **PHG (MCLG)** | **Typical Source of Contaminant** |
| Sodium (ppm) Well 01  Well 02 | 6/19/18  11/21/17 | | 110 | 100 | None | None | Salt present in the water and is generally naturally occurring |
| Hardness (ppm) Well 01  Well 02 | 6/19/18  11/21/17 | | 250 | 240 - 260 | None | None | Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring |
| **TAble 4 – detection of contaminants with a Primary Drinking Water Standard** | | | | | | | |
| **Chemical or Constituent** (and reporting units) | | **Sample Date** | **Level Detected** | **Range of Detections** | **MCL [MRDL]** | **PHG (MCLG) [MRDLG]** | **Typical Source of Contaminant** |
| Nitrate (ppm) Well 01  Well 02 | | 06/19/18  06/12/18 | 1.65 | 1.6 – 1.7 | 10 | 0.40 | Runoff/leaching from fertilizer use; from septic, and sewage, erosin of natural deposits. |
| Nitrite (ppm)} Well 01  Well 02  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Fluoride (ppm) Well 01  Well 02  Total TTHM (ppb)  Total HAA5 (ppb)  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Chromium Hexaavelent  (ppb) Well 01  Well 02 | | 06/19/18  06/12/18  \_\_\_\_\_\_\_\_\_  6/19/18  11/21/17  12/18/18  12/18/18  06/19/18  11/21/17 | 1.65  0.24  5.2  1.2  3.25 | 1.6 – l.7  0.23 – 0.25  N/A  N/A  3.1 – 3.4 | 10  2.0  80  60  MCLwithdrawn | 0.40  0.10  1.0  1.0  0.02 | Runoff/leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits  .Erosion of natural deposits, water additive that promotes strong teeth, discharge from fertilizer and aluminum factories.  By product of drinking water disinfection.  By product of drinking water disinfection..  Discharge from electroplating factories, leather tanneries, wood preservation, chemical systhesis, refractory production, and textile mfg. |
| **TAble 5 – detection of contaminants with a Secondary Drinking Water Standard** | | | | | | | |
| **Chemical or Constituent** (and reporting units) | | **Sample Date** | **Level Detected** | **Range of Detections** | **SMCL** | **PHG (MCLG)** | Typical Source of Contaminant |
| Chloride (ppm) Well 01  Well 02 | | 6/19/18  11/21/17 | 68 | 63 – 73 | 500 | 1.0 | Runoff/leaching from natural deposits; industrial wastes. |
| Sulfate (ppm) Well 01  (SO4) Well 02  Specific Conductance  EC uS/cm Well 01  Well 02  Turbidity NTU Well 01  Well 02  Gross Alpha Well 01  pCi/L Well 02    Total Dissolved Solids TDS  (ppm) Well 01  Well 02  Copper (Cu) Well 02  Barium (ppb) Well 01  Barium Well 02 | | 6/19/18  11/21/17  6/19/18  11/21/17  6/19/18  11/21/17  7/28.15  6/20/17  6/19/18 11/21/17  11/21/17  6/19/17  11/21/17 | 160  195  0.05  1.5  535  110  110  110 | 150 – 170  890 – 900  N/D – 0.1  N/D – 3.0    530 – 540  N/A  N/A  N/A | 500  1600  5  15  1000  1000  1000  1000 | 0.50  2.0  1  5.0  50  100  100 | Runoff/Leaching from natural deposits.  Substances that form ions when in water, industrial wastes.  Runoff/leaching from natural deposits.  Erosion of natural deposits.  Runoff/leaching from natural deposits; industrial wastes  Internal corrosion of household plumbing systems; erosion of natural deposits, leaching from wood preservatives.  Discharge from metal refineries, coal-burning factories, and electrical, aerospace and defense industries. |
| **TAble 6 – detection of UNREGULATED CONTAMINANTS** | | | | | | | |
| **Chemical or Constituent** (and reporting units) | | **Sample Date** | **Level Detected** | **Range of Detections** | **Notification Level** | | **Health Effects Language** |
| Vanadium (ppb) Well 01 | | 6/19/18 | 10.35 | 7.7 - 13 | 3.0 | | Vanadium exposure resulted in developmental and reproductive effects in rate. |

**Additional General Information on Drinking Water**

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 U.S. EPA’s Safe Drinking Water Hotline (1-800-426-4791).

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. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. WEST SIDE PARK MUTUAL WATER CO. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. [***OPTIONAL:*** If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/lead>.

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| HEALTH EFFECTS LANGUAGE ON PAGE 7 |

**Summary Information for Violation of a MCL, MRDL, AL, TT,  
or Monitoring and Reporting Requirement**

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| **VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT** | | | | |
| **Violation** | **Explanation** | **Duration** | **Actions Taken to Correct the Violation** | **Health Effects Language** |
| **NONE** |  |  |  |  |

**For Water Systems Providing Groundwater as a Source of Drinking Water**

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| **TAble 7 – SAMPLING RESULTS SHOWING feCal indicator-positive groundwater source samples** | | | | | |
| **Microbiological Contaminants**  (complete if fecal-indicator detected) | **Total No. of Detections** | **Sample Dates** | **MCL [MRDL]** | **PHG (MCLG) [MRDLG]** | **Typical Source of Contaminant** |
| *E. coli* | (In the year)  None |  | 0 | (0) | Human and animal fecal waste |
| Enterococci | (In the year)  None |  | TT | N/A | Human and animal fecal waste |
| Coliphage | (In the year)  None |  | TT | N/A | Human and animal fecal waste |

**Summary Information for Fecal Indicator-Positive Groundwater Source Samples,  
Uncorrected Significant Deficiencies, or Groundwater TT**

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| **SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLE** | | | | |
| NO FECAL INDICATOR | | | | |
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| **SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES** | | | | |
| NO UNCORRECTED SIGNIFICANT DEFICIENCIES | | | | |
| VIOLATION OF GROUND WATER TT | | | | |
| **NONE** |  |  |  |  |

**For Systems Providing Surface Water as a Source of Drinking Water**

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| **Table 8 - sampling results showing TREATMENT OF SURFACE WATER SOURCES** | |
| Treatment Technique (a)  (Type of approved filtration technology used) |  |
| Turbidity Performance Standards (b)  (that must be met through the water treatment process) | Turbidity of the filtered water must:  1 – Be less than or equal to \_\_\_\_\_ NTU in 95% of measurements in a month.  2 – Not exceed \_\_\_\_\_ NTU for more than eight consecutive hours.  3 – Not exceed \_\_\_\_ NTU at any time. |
| Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1. |  |
| Highest single turbidity measurement during the year |  |
| Number of violations of any surface water treatment requirements |  |

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

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

**Summary Information for Violation of a Surface Water TT**

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| **VIOLATION OF A SURFACE WATER TT** | | | | |
| **TT Violation** | **Explanation** | **Duration** | **Actions Taken to Correct the Violation** | **Health Effects Language** |
| **NONE** |  |  |  |  |

**Summary Information for Operating Under a Variance or Exemption**

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| THERE WERE NO VARIANCES OR EXCEMPTIONS. |
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**Summary Information for Federal Revised Total Coliform Rule**

**Level 1 and Level 2 Assessment Requirements**

**Level 1 or Level 2 Assessment Requirement not Due to an *E. coli* MCL Violation**

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

During the past year we were required to conduct NO Level 1 assessment(s). In addition, we were required to take NO corrective actions.

During the past year NO Level 2 assessments were required to be completed for our water system. In addition, we were required to take NO corrective actions.

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**Level 2 Assessment Requirement Due to an *E. coli* MCL Violation**

*E. coli* are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely-compromised immune systems. We found *E. coli* bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) identify problems and to correct any problems that were found during these assessments.

We were NOT required to complete a Level 2 assessment THERE WAS NO E.COLI In addition, we were NOT required to take corrective actions.

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| **There was no positive result for E.coli.** |
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**HEALTH EFFECTS LANGUAGE**

**TABLE 4 – Regulated Contaminants with Primary Standards Based on Health**

**Nitrate -** Infants below the age of six months who drink water containing nitrate in excess of the MCL (10 ppm) may quickly become seriously ill and if untreated, may die because high nitrate levels can interfere with the capacity of the infant’s blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women.

**Fluoride –**Some people who drink water containing fluoride in excess of the Federal MCL (4 ppm) over many years, may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the State MCL of 2 ppm, may get mottled teeth.

**TTHM –**The level detected in our drinking was a small amount. So9me people who drink water containing triholomethanes in excess of the MCL (80 ppb) over many years may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer.

**HAA5** – Some people who drink water containing halocetic acids in excess of the MCL (60 ppb) over many years may experience liver, kidney, or central nervous system problems. Also they may have an increased risk of getting cancer.

**Chromium 6 (Hexavelant)** Some people who drink water containing hexabalent chromium in excess of the MCLover many years may have an increased risk of getting cancer.

**TABLE 5 – DETECTION OF CONTAINANTS WITH A SECONDARY DRINKING WATER STANDARD. Secvondary standards are based on aesthetics.**

**Chloride** – Chlorides are not considered a health problem at the level detected.

**Sulfate –**There are no known health effects of sulfate in level detected. Persons who drink water with a higher level than the MCL, may experience diarrhea.

**Specific Conductance –** There is no known health effects for this constituent.

**Turbidity –**Turbidity has no health effect. Turbidity is a measure of the cloudiness of the water. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. “These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. The units of turbidity detected in our water is at a low level. Our water is tested each month to verify there is no bacteria existing in the water.

**Gross Alpha –** Certain minerals are radioactive and may emit a form of radiation known as Appha radiation. Some people who drink water containing alpha emitters in excess of the MCL, over many years may have an increased risk of getting cancer.

**Total Dissolved Solids TDS –** TDS are the sum of solids that have dissolved in the water, such as calcium, minerals, and some organics. There are no known health effects for this constituent at the level detected. Higher levels may cause scaling in plumbing.

**Copper –** Copper is an essential nutrient, but some peoples who drink water containing copper in excess of the action level over a relatively short amount of time may experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years may suffer liver or kidney damage. People with Wilson’s Disease should consult their personal doctor.

**Barrium** – Some people who drink water containing barium in excess of the MCL over many years may experience an increase in blood pressure.

**TABLE 6 -** These constituents health effects are listed within that section.

THIS WATER COMPANY HAS MET THE CHALLENGE OF CONSERVATION AND EXCEEDED IT. WE CONSERVED 27%, AND THE FOLLOWING YEAR WE MAINTAINED THE CONSERVATION GOAL.

THE STRICT DROUGHT REGULATIONS ARE NO LONGER IN EFFECT, BUT PLEASE CONTINUE YOUR CONSERVATION EFFORTS AND BE WATER WISE.