

A Message from General Manager Stephen M. Zurn

As California faces ongoing challenges related to weather, resource availability, and regulatory restrictions, Glendale Water & Power continues its focus on operating efficiently, effectively, and in an environmentally friendly manner to provide our customers with the highest level of service.

California's severe drought has created extraordinary challenges for utilities throughout the state. Both urban and agricultural water usage is impacted by the drought's effects on groundwater and reservoir levels. Conservation and resource planning are at the forefront as we face the prospect of ongoing supply issues and potential cutbacks in water deliveries.

In FY 2014, GWP conducted an extensive multi-media community outreach campaign to communicate the seriousness of the drought and the importance of conservation. GWP also made significant progress towards completing research for hexavalent chromium removal prior to the State's adoption of an MCL level for hexavalent

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Glendale Water & Power

141 North Glendale Ave., Level 4

Glendale, CA 91206

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City of Glendale Water & Power

2014 Water Quality Report to Our Customers

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Water Quality Terms 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 USEPA.

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 CalEPA.

Primary Drinking Water Standard (PDWS):

MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

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.

Regulatory Action Level:

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT):

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

chromium levels in drinking water. We also successfully completed the Adam's Hill Water Main Replacement Project and improved the water delivery and the fire protection in that area. Across town GWP crews worked hard to complete the Canada Street cleaning and lining project that will improve the water quality in that area. As we look towards the future many more water quality projects are on schedule that will ensure high quality water is delivered to our customers in a reliable manner well into the future.

As GWP continues to work diligently in its efforts to be a responsible and efficient service provider we are grateful for the cooperation from our community and City leaders. Together, we will maintain our commitment to a sustainable future and ensure that GWP remains strong and viable.

Thank you for your support.

*Stephen M. Zurn*

Source Water Contaminants

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, 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 storm water 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 storm water runoff, and residential uses.

**Organic Chemical Contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can, come from gas stations, urban storm water 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.

**Disinfection By-Products**, which include Trihalomethanes (THMs) and Haloacetic Acids (HAAs), are generated by the interaction between naturally occurring matter and disinfectants, such as chlorine.

Explanation Regarding Contaminants

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

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City of Glendale Water & Power  
Water Quality Report for 2014

IMPORTANT INFORMATION  
ABOUT YOUR DRINKING WATER

The water delivered to you by Glendale Water & Power continuously passes tough State and Federal quality standards. This booklet is a detailed report on the water we delivered to you in 2014.

State and Federal Regulation

In order to ensure that tap water is safe to drink, the USEPA and State Water Resource Control Board, Division of Drinking Water (DDW) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. DDW regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Customer Participation and Assistance

Comments from the public are welcome and may be presented at the Glendale Water & Power Commission meetings held the first Monday of each month, at 4:00PM, in the Glendale City Council Chambers, 613 E. Broadway. Please write to: James Saenz, Water Quality Manager, Water Quality Section, Glendale Water & Power 141 N. Glendale Ave., Level 4, Glendale, CA 91206 or call (818) 548-3962. This report can also be downloaded on GWP's website [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com)

Important Information for People with  
Compromised Immune Systems

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. USEPA/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).

Glendale Water and Power

Glendale Water and Power (GWP) water was established in 1914. GWP provides water service to almost all residential, commercial and industrial consumers located within the incorporated areas of the City. GWP is the retail provider of water service to all consumers in the city except for a small areas in the northern portion served by Crescenta Valley Water District. GWP currently has approximately 33,700 service connections within 31 square miles. The potable water system has seven main pressure zones and consists of 397 miles of water mains, 28 pumping stations, 30 reservoirs and tanks, and 2 treatment plants: Verdugo Park Water Treatment Plant and Glendale Water Treatment Plant.

Sources of Glendale's Water

In 2014 Glendale Water and Power delivered 9.0 billion gallons of potable water to our customers. 68% was purchased from the Metropolitan Water District, after being imported and treated from Northern California and the Colorado River. 26% comes from local groundwater sources extracted from the Verdugo and San Fernando Basins. In addition, 6% of the water used in 2014 was recycled water delivered by the Los Angeles-Glendale Water Reclamation Plant. The plant's highly treated wastewater meets or exceeds the water quality standards for recycled water and is used ONLY for irrigation and industrial processes.



