

#### We want vou to know...

that water quality continues to be a main priority with the City of Monterey Park (City). This report provides important information about your water quality, and we encourage you to read it and to contact us with any questions you may have.

The state and federal government require that this annual water quality report be made available to every customer to ensure you are kept informed regarding the quality of your water. The City continues to meet, and in many cases exceed, all drinking water requirements. In 2019, we conducted thousands of water quality tests to ensure that your water is clean and safe to drink.

In 2019, the City tested for additional contaminants that have known health risks but are not yet regulated in drinking water by U.S. Environmental Protection Agency (USEPA) or the State Water Resources Control Board, Division of Drinking Water (DDW). Unregulated contaminant monitoring helps USEPA and DDW determine where certain contaminants occur and whether new regulations need to be established for those contaminants. Also, the Main San Gabriel Basin Watermaster tests the City's wells annually as an early warning system for several industrial contaminants that have already contaminated other parts of the Main San Gabriel Basin. The City will continue to maintain a high quality, reliable water supply; we would appreciate your support in using this valuable and precious resource wisely.

Richard Gonzales. Water Utility Manager Monterey Park Works Water Department





For more information or questions about this report, please contact the Water Utility Manager at 626-307-1295.

Este informe contiene información muy importante sobre su agua potable. Para mas información ó traducción, favor de contactar El Gerente de Servicio de Agua (626-307-1295).

此份有關你的食水報告,內有重要資料和訊息,請找 他人為你翻譯及解釋清楚。

# Where Does My Drinking Water Come From?

The City's water supply comes from production wells located in the Main San Gabriel Groundwater Basin (Main Basin). In addition, the City purchased water from San Gabriel Valley Water Company, which also pumps groundwater from the Main Basin. As a result of historical industrial discharge, groundwater in some areas of the Main Basin is contaminated. The City has worked with San Gabriel Basin Water Quality Authority to clean up groundwater contamination. Several water treatment facilities, which include an air stripper and three separate granular activated carbon units were constructed by the City to remove contaminants in the groundwater.

# Are There Any Precautions the Public Should Consider?

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).

If present, elevated levels of lead can cause serious 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. The City 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. 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 or at https://www.epa.gov/lead.

#### **Drinking Water Source Assessment**

In accordance with the federal Safe Drinking Water Act, an assessment of the drinking water sources for the City was completed in December 2002. The assessment concluded that the City's sources are considered vulnerable to the following activities or facilities associated with contaminants detected in the water supply: fleet/truck/ bus terminals, utility stations maintenance areas, gasoline stations, dry cleaners, known contaminant plumes, metal plating/finishing/fabricating, plastics/synthetics producers, chemical/petroleum processing/storage. The sources are also considered most vulnerable to the following activities or facilities not associated with contaminants detected in the water supply: leaking underground storage tanks and transportation corridors. A copy of the complete assessment is available at the City of Monterey Park Water Department at 320 West Newmark Avenue, Monterey Park, California 91754. You may request a summary of the assessment by contacting the Water Utility Manager at 626-307-1295.

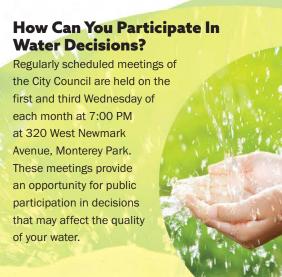


San Gabriel Valley Water Company completed its groundwater source assessments in 2002 and new assessments were completed in 2005 and 2008 for new sources added to the system. Groundwater sources are considered vulnerable to discharge from industry, factories, landfills, dry cleaners, automobile repair shops, gasoline stations, high density housing, fleet truck and bus terminals, underground storage tanks, and sewer collection systems. A copy of the complete assessment is available at the City of Monterey Park Water Department at 320 West Newmark Avenue, Monterey Park, California 91754. You may request a summary of the assessment by contacting the Water Utility Manager at 626-307-1295.

#### **Want Additional Information?**

There's a wealth of information on the internet about Drinking Water Quality and water issues in general. Some good sites – both local and national – to begin your own research are:

- City of Monterey Park: www.montereypark.ca.gov
- San Gabriel Basin Water Quality Authority: www.wqa.com
- Main San Gabriel Basin Watermaster: www.watermaster.org
- Water Education Foundation: www.watereducation.org
- Metropolitan Water District of Southern California: www.mwdh2o.com
- State Water Resources Control Board, Division of Drinking Water: <a href="http://www.waterboards.ca.gov/drinking\_water/certlic/drinkingwater/publicwatersystems.shtml">http://www.waterboards.ca.gov/drinking\_water/certlic/drinkingwater/publicwatersystems.shtml</a>
- U.S. Environmental Protection Agency: https://www.epa.gov/ground-water-and-drinking-water
- California Department of Water Resources: www.water.ca.gov
- Water Conservation Tips: www.bewaterwise.com www.wateruseitwisely.com



## CITY OF MONTEREY PARK 2019 DRINKING WATER QUALITY

CONSTITUENT AND (UNITS)	MCL or [MRDL]	PHG or (MCLG) [MRDLG]	DLR	Results (b)	nterey Park Gr Range (Min-Max)	Most Recent Sampling	Results (b)	/C Groundwat Range (Min-Max)	Most Recent Sampling	TYPICAL ORIGINS			
PRIMARY DRINKING WATER STAND				(4)			(3)						
MICROBIOLOGICAL				During May									
	During any			2019, 2 of 78 monthly									
	given month, no more than 5.0%			samples (2.6% of						Naturally present in the			
Total Coliform (c)	of total samples collected can be	(0)	n/a	total samples		Weekly				environment			
	total coliform- positive.			collected) were total									
	ροσιώνο.			coliform- positive.									
DISINFECTANT AND DISINFECTION	PRODUCTS (d)									Dainting contact disinfects at an			
Chlorine Residual (mg/l)	[4]	[4]	n/a	0.73	0.26 - 1.4	Weekly				Drinking water disinfectant added for treatment			
Haloacetic Acids (HAA5) (μg/l)	60	n/a	1-2	0.95	ND - 2.3	Quarterly				Byproduct of drinking water disinfection			
Total Trihalomethanes (TTHMs) (µg/l)	80	n/a	1	6.7	3 - 9.8	Quarterly				Byproduct of drinking water disinfection			
ORGANIC CHEMICALS													
Dichloromethane (µg/l)	5	4	0.5	<0.5	ND - 0.92	Weekly	ND	ND	2019	Discharge from pharmaceutical and chemical			
NORGANIC CHEMICALS										factories; insecticide			
Arsenic (μg/l) (e)	10	0.004	2	<2.0	ND - 5.6	Weekly	<2	ND - 2.9	2019	Erosion of natural deposits			
Copper (mg/l) (f)	AL = 1.3	0.3	0.05	0.13		2018				Internal corrosion of househor plumbing system			
Fluoride (mg/l)	2	1	0.1	0.69	0.5 - 0.97	2019	0.58	0.41 - 0.91	2019	Erosion of natural deposits			
Lead (μg/l) (f)	AL = 15	0.2	5	ND		2018				Internal corrosion of househor plumbing system			
Nitrate as N (mg/l) (g)	10	10	0.4	4.2	0.63 - 7.3	Weekly	2.6	ND - 5.2	2019	Runoff and leaching from fertilizer use			
RADIOACTIVITY										Terunzer use			
Gross Alpha Activity (pCi/l) Combined Radium (pCi/l)	15 5	(0)	3	4.2 <1	ND - 11 ND - 1.2	2019 2019	4.4 ND	ND - 10 ND	2019	Erosion of natural deposits			
Uranium (pCi/l)	20	0.43	1	4.1	ND - 1.2 ND - 13	2019	6.9	1.9 - 10	2019	Erosion of natural deposits			
SECONDARY DRINKING WATER STA						0010	40	0.0.00	0010				
Chloride (mg/l) Manganese (µg/l)	500 50	n/a n/a	n/a 20	27 <20	11 - 48 ND - 39	2019 2019	18 ND	3.8 - 29 ND	2019	Runoff/leaching from natura deposits			
Odor (threshold odor number)	3	n/a	1	1	1 - 2	2019	1	1	2019				
Sulfate (mg/l) (h)	500	n/a	0.5	65	32 - 160	Weekly	60	19 - 98	2019				
Total Dissolved Solids (mg/l) Turbidity (NTU)	1,000 5	n/a n/a	n/a 0.1	370 0.28	150 - 580 ND - 0.66	2019 2019	310 <0.1	200 - 400 ND - 0.15	2019				
Specific Conductance (µmho/cm)	1,600	n/a	n/a	580	310 - 870	2019	530	320 - 720	2019	Substances that form ions in water			
OTHER CONSTITUENTS OF INTERES	ST .									iii watoi			
Alkalinity, total (mg/l as CaCO3) Boron (mg/l)	n/a NL = 1	n/a n/a	n/a 0.1	150 0.1	77 - 220 ND - 0.16	2019 2018	190	140 - 220	2019	Runoff/leaching from natural deposits			
Calcium (mg/l)	n/a	n/a	n/a	56	11 - 97	2019	60	28 - 82	2019				
Hardness as CaCO3 (mg/l)	n/a	n/a	n/a	210	31 - 380	2019	230	110 - 310	2018				
Hardness as grains per gallon Magnesium (mg/l)	n/a n/a	n/a n/a	n/a n/a	12 16	2 - 22 1 - 33	2019 2019	13 16	6 - 18 5.1 - 26	2018				
1,4-Dioxane (µg/l)	NL = 1	n/a	1	<1	ND - 1.8	2019				Discharge from industrial sources			
Perfluorobutanesulfonic Acid (ng/l)	n/a	n/a	n/a	0.7	ND - 2.3	2019				Discharge from industrial			
										sources  Discharge from industrial			
Perfluorohexane Sulfonic Acid (ng/l)	n/a	n/a	n/a	0.37	ND - 2.2	2019				sources			
Perfluorohexanoic Acid (ng/l)	n/a	n/a	n/a	0.95	ND - 3.3	2019				Discharge from industrial sources			
Perfluorooctanoic Acid (ng/l)	NL = 5.1	n/a	n/a	1.3	ND - 5.3	2019				Discharge from industrial sources			
pH (pH units)	n/a	n/a	n/a	7.6	7.2 - 8.5	2019	7.8	7.4 - 8.1	2019	Hydrogen ion concentration			
Sodium (mg/l)	n/a	n/a	n/a	41	28 - 64	2019	26	21 - 37	2019	Runoff/leaching from natural deposits			
UNREGULATED CHEMICALS REQUIR	RING MONITORIN	IG											
1,1-Dichloroethane (1,1-DCA) (µg/l)	5	3	n/a	0.16	ND - 0.31	2015				Extraction and degreasing solvent; fumigant			
1,4-Dioxane (µg/l)	NL = 1	n/a	n/a	0.62	0.39 - 0.84	2015				Discharge from industrial sources			
Bromide (µg/I)	n/a	n/a	n/a	120	33 - 190	2019				Discharge from industrial			
brottlide (µg/I)	II/a	II/a	IVa	120	33 - 190	2019				sources Byproduct of drinking water			
Chlorate (µg/l)	NL = 800	n/a	n/a	45	35 - 55	2015				chlorination; industrial			
Chromium, Hexavalent (µg/l)	n/a	0.02	n/a	3.7	2.8 - 4.5	2015				processes  Erosion of natural deposits;			
omomum, nexavalent (µg/1)	πα	0.02	II/α	5.7	2.0 - 4.0	2013				industrial discharge Discharge from steel and			
Chromium, Total (μg/l)	50	(100)	n/a	4	3.4 - 4.5	2015				pulp mills; erosion of natural			
Manganese (μg/l) (i)	SMCL = 50	n/a	n/a	0.62	ND - 1.7	2019				deposit			
Molybdenum, Total (μg/l)	n/a	n/a	n/a	6.4	5.1 - 7.7	2015				Runoff/leaching from natural deposits			
Strontium, Total (µg/l)	n/a	n/a	n/a	460	380 - 530	2015				Various natural and man-mad			
Total Organic Carbon (mg/l)	n/a	n/a	n/a	<1	ND - 1.4	2019				sources			
/anadium, Total (μg/l)	NL = 50	n/a	n/a	4.4	4 - 4.8	2015				Runoff/leaching from natural deposits			
INREGULATED CHEMICALS REQUIF	RING MONITORIN	IG IN THE D	ISTRIBU	TION SYSTEM						Byproduct of drinking water			
Chlorate (µg/l)	NL = 800	n/a	n/a	61	61	2015				chlorination; industrial processes			
Chromium, Hexavalent (µg/l)	n/a	0.02	n/a	3.8	3.8	2015				Erosion of natural deposits;			
, rozaratorie (µg/1)		5.02	., a	5.0	3.0	2010				industrial discharge  Discharge from steel and			
Chromium, Total (µg/l)	50	(100)	n/a	3.7	3.7	2015				pulp mills; erosion of natural deposit			
Haloacetic acids (HAA5) (µg/l)	n/a	n/a	n/a	0.67	0.35 - 1.1	2019				GOPOOIL			
Haloacetic acids (HAA6Br) (μg/l)	n/a	n/a	n/a	0.88	0.35 - 1.7	2019				By-products of drinking wate disinfection			
Haloacetic acids (HAA9) (μg/l)	n/a	n/a	n/a	0.88	0.35 - 1.7	2019							
Molybdenum, Total (µg/l)	n/a	n/a	n/a	6.4	6.4	2015				Runoff/leaching from natural deposits			
Strontium, Total (µg/l)	n/a	n/a	n/a	410	410	2015							
				4	4	2015							

## NOTES

(a) Water quality data provided by San Gabriel Valley Water Company (SGVWC).

(b) The results reported in the table are average concentrations of the constituents detected in your drinking water during 2019 or from the most recent tests, except for TTHMs, HAA5, Chlorine Residual, Lead, and Copper which are described below.

(c) Samples were collected in the distribution system. The result is the highest percentage of positive samples collected in a month during 2019. During February 2019 and May 2019, 75 total samples and 78 total samples, respectively, were collected each month for total coliform analysis:

(i) In February 2019, one sample tested positive for total coliform, which was 1.3% of the total samples collected during the month; however, all follow-up confirmation samples were negative for Total Coliforms and Fecal/E. coli bacteria.

(ii) In May 2019, two samples (one routine and one confirmation) tested positive for total coliform, which was 2.6% of the total samples collected during the month. One of three initial follow-up confirmation samples was positive for Total Coliforms but were negaive for Fecal/E. coli bacteria in all three confirmation samples. All subsequent follow-up confirmation samples were negative for Total Coliforms and Fecal/E. coli bacteria.

(d) Samples were collected in the distribution system. The running annual average is reported as "Results" while the maximum and minimum of the individual results are reported as "Range."

(e) The City of Monterey Park tests the Delta Plant drinking water weekly to comply with the State Water Resources Control Board, Division of Drinking Water approved blending plan for Arsenic.

(f) Concentrations are measured at the tap. The 90th percentile concentration is reported in the table. Out of 37 distribution system locations sampled, copper was detected in 27 samples, none of which exceeded the AL for copper; out of 37 distribution system locations sampled, lead was not detected in any sample. The samples were collected in 2018. During 2019, three schools submitted a request to be sampled for lead.

(g) The City of Monterey Park tests nitrate weekly at all three treatment plants.

- (h) The City of Monterey Park tests sulfate weekly at the Well 5 Treatment Plant and the Wells 9, 12, and 15 Treatment Plant.
- (i) Manganese was included as part of the unregulated chemicals requiring monitoring.

AL: Action Level

**DLR:** Detection Limit for Purposes of Reporting

MCL: Maximum Contaminant Level

MCLG: Maximum Contaminant Level Goal

μg/l: parts per billion or micrograms per liter

mg/l: parts per million or

milligrams per liter

ng/l: parts per trillion or

nanograms per liter

μmho/cm: micromhos per centimeter MRDL: Maximum Residual
Disinfectant Level

MRDLG: Maximum Residual Disinfectant Level Goal

n/a: No Applicable Limit

ND: Not Detected at DLR

NL: Notification Level

NTU: Nephelometric Turbidity Units

pCi/I: picoCuries per liter

PHG: Public Health Goal

SMCL: Secondary MCL

"<": Detected but the

average is less than the indicated DLR

#### WHAT ARE WATER QUALITY STANDARDS?

In order to ensure that tap water is safe to drink, USEPA and the DDW 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. Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The chart in this report shows the following types of water quality standards:

**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 as is economically and technologically feasible.

Secondary MCLs: are set to protect the odor, taste, and appearance of drinking water.

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 pathogens.

Primary Drinking Water Standard: MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.

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

Notification Level (NL): An advisory level which, if exceeded, requires the drinking water system to notify the governing body of the local agency in which users of the drinking water reside (i.e. city council, county board of supervisors).

WHAT IS A WATER QUALITY GOAL?

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The chart in this report includes three types of water quality goals:

**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 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 California Environmental Protection Agency.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment 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.

#### WHAT CONTAMINANTS MAY BE PRESENT IN SOURCES OF DRINKING WATER?

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 naturallyoccurring 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.

Radioactive contaminants that can be naturally-occurring or be the result of oil and gas production and mining activities.

Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production,

and can also come from gasoline stations, urban stormwater runoff, agricultural application and septic systems.

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). WHAT IS IN MY DRINKING WATER?

Your drinking water is tested by certified professional water system operators and certified laboratories to ensure its safety. The City of Monterey Park Public Works Department routinely tests drinking water from its wells, treatment facilities, and distribution system pipes for bacterial and chemical contaminants. The chart in this report shows the average and range of concentrations of the constituents tested in your drinking water during year 2019 or from the most recent tests. The State allows the City to monitor for some contaminants less than once per year because the concentrations of these contaminants in groundwater do not change frequently. Some of our data, although representative, are more than one year old. The chart lists all the contaminants detected in your drinking water that have federal and state drinking water standards. Detected unregulated contaminants of interest are also included. We are proud to report that during 2019, the drinking water provided by the City to your home met or surpassed all federal and state drinking water standards. We remain dedicated to providing you with a reliable supply of high quality drinking water.

Although nitrate in your drinking water never exceeds the MCL of 10 milligrams per liter (mg/l), nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. Nitrate in drinking water at levels above 10 mg/l is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/l may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask for advice from your health care provider.

# COLIFORM BACTERIA

This Consumer Confidence Report reflects changes in drinking water regulatory requirements during 2016. All water systems are required to comply with the state Total Coliform Rule. Effective April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The USEPA anticipates greater public health protection as the new rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

## ARSENIC

The following advisory is issued because in 2019 we recorded an arsenic measurement in the drinking water supply between 5 and 10 micrograms per liter (µg/l). While your drinking water meets the 10 µg/l MCL for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The USEPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

# 1,4-DIOXANE

1,4-Dioxane is a chemical primarily used as an industrial stabilizer to enhance performance of solvents in many manufacturing processes. It is found in food (shrimp, chicken, tomatoes, etc.), food additives, and ordinary household products (cosmetics, deodorants, and shampoos). The USEPA has classified 1,4-dioxane as a probable human carcinogen. There is no federal or state MCL for 1,4-dioxane in drinking water; however, DDW established a Notification Level (NL) and a reporting limit in 1998 of 3 µg/l. A Notification Level is a health-based advisory level established by DDW for chemicals in drinking water that lack MCLs. The City has been required to test several of its wells and treated water for 1,4-Dioxane since 2004 and has never exceeded the initial NL of 3 µg/l. In 2010, DDW revised the 1,4-dioxane NL and reporting limit lower to 1 µg/l resulting in detections in some City wells that exceeded the new 1 µg/l NL. In 2019, 1,4-dioxane levels in City wells ranged from non-detect to 1.8 µg/l. We believe the 1,4-dioxane found in these wells originated from discharge from industrial sources. The City's 1,4-dioxane level are below the DDW's response level, the level at which removal of the source from service, is now 35 µg/l.