

## CITY OF MONTEREY PARK 2011 DRINKING WATER WATER QUALITY

CONSTITUENT AND (UNITS)	MCL or [MRDL]	PHG or (MCLG) [MRDL G]	DLR	Drinking Water Quality			TYPICAL ORIGINS
				Results (a)	Range (Min-Max)	Most Recent Sampling	
<b>PRIMARY DRINKING WATER STANDARDS--Health-Related Standards</b>							
<b>ORGANIC CHEMICALS</b>							
1,1-Dichloroethane (1,1-DCA) (µg/l)	5	3	0.5	<0.5	ND - 0.88	Weekly	Discharge from industrial sources
1,1-Dichloroethylene (1,1-DCE) (µg/l)	6	10	0.5	<0.5	ND - 0.51	Weekly	Discharge from industrial sources
cis-1,2-Dichloroethylene (cis-1,2-DCE) (µg/l)	6	100	0.5	<0.5	ND - 1.9	Weekly	Discharge from industrial sources
<b>MICROBIOLOGICAL</b>							
Total Coliform Bacteria (b)	5.0%	(0)	n/a	0.0%	--	Weekly	Naturally present in the environment
<b>DISINFECTANT AND DISINFECTION PRODUCTS (c)</b>							
Chlorine Residual (mg/l)	[4]	[4]	n/a	0.64	0.18 - 1.2	Weekly	Drinking water disinfectant added for treatment
Haloacetic Acids (HAA5) (µg/l)	60	n/a	1-2	1.2	ND - 3.7	Quarterly	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHMs) (µg/l)	80	n/a	0.5	2.4	1.4 - 2.4	Quarterly	Byproduct of drinking water disinfection
<b>INORGANIC CHEMICALS</b>							
Arsenic (µg/l) (d)	10	0.004	2	<2	ND - 6.1	Weekly	Erosion of natural deposits
Copper (mg/l) (e)	AL = 1.3	0.3	0.05	0.44	--	2009	Internal corrosion of household plumbing system
Fluoride (mg/l)	2.0	1	0.1	0.63	0.42 - 0.81	2011	Erosion of natural deposits
Lead (µg/l) (e)	AL = 15	0.2	5	ND	--	2009	Internal corrosion of household plumbing system
Nitrate as NO3 (mg/l) (f)	45	45	2	16	8.7 - 22	Weekly	Runoff and leaching from fertilizer use
<b>RADIOACTIVITY</b>							
Gross Alpha Activity (pCi/l)	15	(0)	3	3.4	ND - 9.3	2009	Erosion of natural deposits
Uranium (pCi/l)	20	0.43	1	3.6	ND - 11	2011	Erosion of natural deposits
Radium, Combined (pCi/l)	5	(0)	1	<1	ND - 5.9	2011	Erosion of natural deposits
<b>SECONDARY DRINKING WATER STANDARDS--Aesthetic Standards, Not Health-Related</b>							
Chloride (mg/l)	500	n/a	n/a	22	13 - 37	2011	Runoff/leaching from natural deposits
Manganese (µg/l)	50	n/a	20	<20	ND - 21	2011	Runoff/leaching from natural deposits
Odor (threshold odor number)	3	n/a	1	<1	ND - 1	2011	Naturally-occurring organic materials
Sulfate (mg/l) (f)	500	n/a	0.5	77	39 - 160	Weekly	Runoff/leaching from natural deposits
Specific Conductance (µmho/cm)	1,600	n/a	n/a	580	310 - 830	2011	Substances that form ions in water
Total Dissolved Solids (mg/l)	1,000	n/a	n/a	380	180 - 590	2011	Runoff/leaching from natural deposits
Turbidity (NTU)	5	n/a	n/a	0.14	ND - 0.4	2011	Runoff/leaching from natural deposits
<b>OTHER CONSTITUENTS OF INTEREST/UNREGULATED</b>							
Alkalinity, total (mg/l as CaCO3)	n/a	n/a	n/a	180	110 - 250	2011	Runoff/leaching from natural deposits
Boron (µg/l)	NL = 1,000	n/a	100	<100	ND - 140	2011	Runoff/leaching from natural deposits
Calcium (mg/l)	n/a	n/a	n/a	68	14 - 140	2011	Runoff/leaching from natural deposits
Chromium, hexavalent (µg/l)	n/a	n/a	1	3.3	1.2 - 5.0	2007	Natural deposits or discharge from industrial activities
1,4-Dioxane (µg/l)	NL = 1	RL = 35	1	<1	ND - 2.1	2011	Discharge from industrial sources
Hardness as CaCO3 (mg/l)	n/a	n/a	n/a	230	46 - 410	2011	Runoff/leaching from natural deposits
Hardness as grains per gallon	n/a	n/a	n/a	13	2.7 - 24	2011	Runoff/leaching from natural deposits
Magnesium (mg/l)	n/a	n/a	n/a	14	1.6 - 34	2011	Runoff/leaching from natural deposits
pH (pH units)	n/a	n/a	n/a	7.7	7.3 - 8.2	2011	Hydrogen ion concentration
Sodium (mg/l)	n/a	n/a	n/a	41	25 - 64	2011	Runoff/leaching from natural deposits
Vanadium (µg/l)	NL = 50	n/a	3	8.9	ND - 48	2011	Runoff/leaching from natural deposits

### NOTES

**AL** = Action Level

**DLR** = Detection Limit for the 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

(a) The results reported in the table are average concentrations of the constituents detected in your drinking water during 2011 or from the most recent tests, except for Total Coliforms, TTHMs, HAA5, Chlorine Residual, Lead, and Copper which are described below.

(b) Coliform bacteria were not detected in any of the over 900 samples collected from the Monterey Park distribution system during 2011. Coliform bacteria are used as an indicator that if present, indicates other potentially harmful bacteria may be present.

(c) 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."

(d) The City of Monterey Park tests the Delta Plant drinking water weekly to comply with the CDPH-approved blending plan for Arsenic

(e) Concentrations are measured at the tap. The 90th percentile concentration is reported in the table. Out of 47 distribution system locations sampled, copper was detected in 44 samples, none of which exceeded the AL for copper; lead was not detected in any sample. The samples were collected in October 2009.

(f) The City of Monterey Park tests nitrate and sulfate weekly at the Delta Plant.

**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

**RL** = Response Level

**NTU** = Nephelometric Turbidity Units

**pCi/l** = picoCuries per liter

**PHG** = Public Health Goal

**"<"** = Detected but the average is less than the indicated DLR