

City of Sugar Land Public Water System

Secondary and Other Constituents Not Regulated (No associated adverse health effects)

How to read this table: For each constituent, the Average, Minimum and Maximum Level Columns represent the City's water testing results.

YEAR	CONSTITUENT	AVERAGE LEVEL	MINIMUM LEVEL	MAXIMUM LEVEL	SECONDARY LIMIT	UNIT OF MEASURE	SOURCE OF CONSTITUENT
2005	Bicarbonate	241	233	253	N/A	ppm	Corrosion of carbonate rocks such as limestone.
2005	Calcium	46.2	41.5	53.3	N/A	ppm	Abundant naturally occurring element.
2005	Chloride	44.4	39	48	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity.
2005	Copper	0.0023	0.000	0.0038	N/A	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2005	Iron	36	35	36	300	ppb	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2005	Magnesium	8.9	8.6	9.4	N/A	ppm	Abundant naturally occurring element.
2005	Manganese	8.5	8.5	8.5	50	ppb	Abundant naturally occurring element.
2005	pH	7.5	7.4	7.5	7	units	Measure of corrosivity of water.
2005	Sodium	56	40	67	N/A	ppm	Erosion of natural deposits; byproduct of oil field activity.
2005	Sulfate	16	15	16	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2005	Total Alkalinity as CaCO ₃	203	198	207	N/A	ppm	Naturally occurring soluble mineral salts.
2005	Total Dissolved Solids	307	285	321	1000	ppm	Total dissolved mineral constituents in water.
2005	Total Hardness as CaCO ₃	139	139	139	N/A	ppm	Naturally occurring calcium.
2005	Zinc	168	168	168	5	ppb	Moderately abundant naturally occurring element; used in the metal industry.

N/A= Not applicable