

Consumer Confidence Report Information Specific to Your Community Public Water System

Year this report covers: 2011; Source(s) of Water; Type of water: Groundwater ; Any commonly used name of the body of water: Edwards Aquifer; Location of the body of water: Bexar County

Source Water Assessment Protection

The TCEQ completed an assessment of your source water and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system, contact Brian D. Smith, 221-4967.

Information on Detected Contaminants

The data presented in the report is from the most recent testing done in accordance with the regulations.

Radioactive Contaminants

Name of Radioactive Contaminant	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Unit of Measurement	Was This a Violation?	Likely Source of Contamination
Beta/photon emitters	2010	Lowest level detected	0-0	0	50*	pCi/L	N	Decay of natural and man-made deposits
Combined radium	2010	1	1-1	0	5	µg/L	N	Erosion of natural deposits

* EPA considers 50pCi/L to be the level of concern for beta particles

Inorganic Contaminants

Name of Inorganic Contaminant	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Unit of Measurement	Was This a Violation?	Likely Source of Contamination
Antimony	2010	0.639	0.639-0.639	6	6	ppb	N	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Arsenic	2010	0.45	0.45-0.45	n/a	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics wastes.
Barium	2010	0.0553	0.0553-0.0533	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Beryllium	2010	Levels lower than detected level	0-0	4	4	ppb	N	Discharge from metal refineries and coal burning factories; Discharge from electrical, aerospace, and defense industries.
Cadmium	2010	Levels lower than detected level	0-0	5	5	ppb	N	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; Runoff from waste batteries and paints.
Chromium	2010	1.38	1.38-1.38	100	100	ppb	N	Discharge from steel and pulp mills; Erosion of natural deposits.
Fluoride	2010	0.2	.02-.02	4	4	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Mercury	2010	0.826	0.826-0.826	2	2	ppb	N	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland.
Nitrate (measured as Nitrogen)	2010	2	1.94-1.94	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrite (measured as Nitrogen)	2010	2	1.94-1.94	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	2010	0.826	0.826-0.826	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Thallium	2010	0.39	0.39-0.39	0.5	2	ppb	N	Leaching from ore processing sites; Discharge from electronics, glass, and drug factories

Synthetic Organic Contaminants including Pesticides and Herbicides

Name of Organic Contaminant	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Unit of Measurement	Was This a Violation?	Likely Source of Contamination
2,4-D	2010	Levels lower than detected level	0-0	70	70	ppb	N	Runoff from herbicide used on row crops.
2,4,5-TP (Silvex)	2010	Levels lower than detected level	0-0	50	50	ppb	N	Residue of banned herbicide.
Alachlor	01/20/2009	Levels lower than detected level	0-0	0	2	ppb	N	Runoff from herbicide used on row crops.
Atrazine	01/20/2009	Levels lower than detected level	0-0	3	3	ppb	N	Runoff from herbicide used on row crops.
Benzo(a)pyrene (PAH)	01/20/2009	Levels lower than detected level	0-0	0	200	ppt	N	Leaching from linings of water storage tanks and distribution lines.
Carbofuran	2010	Levels lower than detected level	0-0	40	40	ppb	N	Leaching of soil fumigant used on rice and alfalfa.
Dalapon	2010	Levels lower than detected level	0-0	200	200	ppb	N	Runoff from herbicide used on rights of way.
Di(2-ethylhexyl)adipate	01/20/2009	Levels lower than detected level	0-0	400	400	ppb	N	Discharge from chemical factories.
Dibromochloropropane	2010	Levels lower than detected level	0-0	0	200	ppt	N	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards.
Dinoseb	2010	Levels lower than detected level	0-0	7	7	ppb	N	Runoff from herbicide used on soybeans and vegetables.
Endrin	01/20/2009	Levels lower than detected level	0-0	2	2	ppb	N	Residue of banned insecticide.
Ethylene dibromide	2010	Levels lower than detected level	0-0	0	50	ppt	N	Discharge from petroleum refineries.
Heptachlor	01/20/2009	Levels lower than detected level	0-0	0	400	ppt	N	Residue of banned termiticide.
Heptachlor epoxide	01/20/2009	Levels lower than detected level	0-0	0	200	ppt	N	Breakdown of heptachlor.
Hexachlorobenzene	01/20/2009	Levels lower than detected level	0-0	0	1	ppb	N	Discharge from metal refineries and agricultural chemical factories.
Hexachlorocyclopentadiene	01/20/2009	Levels lower than detected level	0-0	50	50	ppb	N	Discharge from chemical factories.
Lindane	01/20/2009	Levels lower than detected level	0-0	200	200	ppt	N	Runoff/leaching from insecticide used on cattle, lumber, gardens.
Methoxychlor	01/20/2009	Levels lower than detected level	0-0	40	40	ppb	N	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock.

WATER from P15

Oxamyl (Vydate)	2010	Levels lower than detected level	0-0	200	200	ppb	N	Runoff/leaching from insecticide used on apples, potatoes, and tomatoes.
Pentachlorophenol	2010	Levels lower than detected level	0-0	0	1	ppb	N	Discharge from wood preserving factories.
Picloram	2010	Levels lower than detected level	0-0	500	500	ppb	N	Herbicide runoff.
Simazine	01/20/2009	Levels lower than detected level	0-0	4	4	ppb	N	Herbicide runoff.
Toxaphene	01/20/2009	Levels lower than detected level	0-0	0	3	ppb	N	Runoff/leaching from insecticide used on cotton and cattle.

Volatile Organic Contaminants

Name of Organic Contaminant	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL (Unless treatment technique or action level is specified)	Unit of Measurement	Was This a Violation?	Likely Source of Contamination
Benzene	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from factories; Leaching from gas storage tanks and landfills.
Carbon tetrachloride	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from chemical plants and other industrial activities.
Chlorobenzene	2010	Levels lower than detected level	0-0	100	100	ppb	N	Discharge from chemical and agricultural chemical factories.
o-Dichlorobenzene	2010	Levels lower than detected level	0-0	600	600	ppb	N	Discharge from industrial chemical factories.
p-Dichlorobenzene	2010	Levels lower than detected level	0-0	75	75	ppb	N	Discharge from industrial chemical factories.
1,2-Dichloroethane	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from industrial chemical factories.
1,1-Dichloroethylene	2010	Levels lower than detected level	0-0	7	7	ppb	N	Discharge from industrial chemical factories.
Cis-1,2-Dichloroethylene	2010	Levels lower than detected level	0-0	70	70	ppb	N	Discharge from industrial chemical factories.
Trans-1,2-Dichloroethylene	2010	Levels lower than detected level	0-0	100	100	ppb	N	Discharge from industrial chemical factories.
Dichloromethane	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from pharmaceutical and chemical factories.
1,2-Dichloropropane	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from industrial chemical factories.
Ethylbenzene	2010	Levels lower than detected level	0-0	700	700	ppb	N	Discharge from petroleum refineries.
Styrene	2010	Levels lower than detected level	0-0	100	100	ppb	N	Discharge from rubber and plastic factories; Leaching from landfills.
Tetrachloroethylene	2010	Levels lower than detected level	0-0	0	5	ppb	N	Leaching from PVC pipes; Discharge from factories and dry cleaners.
1,2,4-Trichlorobenzene	2010	Levels lower than detected level	0-0	70	70	ppb	N	Discharge from textile finishing factories.
1,1,1-Trichloroethane	2010	Levels lower than detected level	0-0	200	200	ppb	N	Discharge from metal degreasing sites and other factories.
1,1,2-Trichloroethane	2010	Levels lower than detected level	0-0	3	5	ppb	N	Discharge from industrial chemical factories.
Trichloroethylene	2010	Levels lower than detected level	0-0	0	5	ppb	N	Discharge from metal degreasing sites and other factories.
Toluene	2010	Levels lower than detected level	0-0	1	1	ppm	N	Discharge from petroleum factories.
Vinyl Chloride	2010	Levels lower than detected level	0-0	0	2	ppb	N	Leaching from PVC piping; Discharge from plastics factories.
Xylenes	2010	Levels lower than detected level	0-0	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

Disinfectants and Disinfection By-Products

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

Name of Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Highest Locational Running Annual Average	Range of Levels Detected	MCLG	MCL	Unit of Measurement	Was This a Violation?	Likely Source of Contamination
Haloacetic acids	2010	1		0-2	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
TTHMs (Total trihalomethanes)	2010	2		1-3.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.