

INFORMATION ABOUT YOUR 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.

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 EPAS SAFE DRINKING WATER HOTLINE AT (800) 426-4791.

CONTAMINANTS THAT MAY BE PRESENT IN SOURCE WATER INCLUDE:

- MICROBIAL CONTAMINANTS, SUCH AS VIRUSES AND BACTERIA, WHICH MAY COME FROM SEWAGE TREATMENT PLANTS, SEPTIC SYSTEMS, AGRICULTURAL LIVESTOCK OPERATIONS, AND WILDLIFE.
- INORGANIC CONTAMINANTS, SUCH AS SALTS AND METALS, WHICH 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, WHICH 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 ALSO COME FROM GAS STATIONS, URBAN STORM WATER RUNOFF, AND SEPTIC SYSTEMS.
- RADIOACTIVE CONTAMINANTS, WHICH CAN BE NATURALLY-OCCURRING OR BE THE RESULT OF OIL AND GAS PRODUCTION AND MINING ACTIVITIES.

IN ORDER TO ENSURE THAT TAP WATER IS SAFE TO DRINK, EPA PRESCRIBES REGULATIONS WHICH LIMIT THE AMOUNT OF CERTAIN CONTAMINANTS IN WATER PROVIDED BY PUBLIC WATER SYSTEMS. FDA REGULATIONS ESTABLISH LIMITS FOR CONTAMINANTS IN BOTTLED WATER WHICH MUST PROVIDE THE SAME PROTECTION FOR PUBLIC HEALTH.

CONTAMINANTS MAY BE FOUND IN DRINKING WATER THAT MAY CAUSE TASTE, COLOR, OR ODOR PROBLEMS. THESE TYPES OF PROBLEMS ARE NOT NECESSARILY CAUSES FOR HEALTH CONCERNS. FOR MORE INFORMATION ON TASTE, ODOR, OR COLOR OF DRINKING WATER, PLEASE CONTACT THE SYSTEM'S BUSINESS OFFICE.

YOU MAY BE MORE VULNERABLE THAN THE GENERAL POPULATION TO CERTAIN MICROBIAL CONTAMINANTS, SUCH AS CRYPTOSPORIDIUM, IN DRINKING WATER. INFANTS, SOME ELDERLY, OR IMMUNOCOMPROMISED PERSONS SUCH AS THOSE UNDERGOING CHEMOTHERAPY FOR CANCER; PERSONS WHO HAVE UNDERGONE ORGAN TRANSPLANTS; THOSE WHO ARE UNDERGOING TREATMENT WITH STEROIDS; AND PEOPLE WITH HIV/AIDS OR OTHER IMMUNE SYSTEM DISORDERS, CAN BE PARTICULARLY AT RISK FROM INFECTIONS. YOU SHOULD SEEK ADVICE ABOUT DRINKING WATER FROM YOUR PHYSICIAN OR HEALTH CARE PROVIDERS. ADDITIONAL GUIDELINES ON APPROPRIATE MEANS TO LESSEN THE RISK OF INFECTION BY CRYPTOSPORIDIUM ARE AVAILABLE FROM THE SAFE DRINKING WATER HOTLINE (800-426-4791).

IF PRESENT, ELEVATED LEVELS OF LEAD CAN CAUSE SERIOUS HEALTH 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. WE ARE RESPONSIBLE FOR PROVIDING HIGH QUALITY DRINKING WATER, BUT WE 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 [HTTP://WWW.EPA.GOV/SAFEWATER/LEAD](http://www.epa.gov/safewater/lead).

INFORMATION ABOUT SOURCE WATER

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 IS BASED ON THIS SUSCEPTIBILITY AND PREVIOUS SAMPLE DATA. ANY DETECTIONS OF THESE CONTAMINANTS WILL BE FOUND IN THIS CONSUMER CONFIDENCE REPORT. FOR MORE INFORMATION ON SOURCE WATER ASSESSMENTS AND PROTECTION EFFORTS AT OUR SYSTEM CONTACT [ERIC CLARK] [903-764-5657]

FOR MORE INFORMATION REGARDING THIS REPORT CONTACT:

Name: Eric Clark
Phone Number: 903-764-5657

ESTE REPORTE INCLUYE INFORMACION IMPORTANTE SOBRE EL AGUA PARA TOMAR. PARA ASISTENCIA EN ESPANOL, FAVOR DE LLAMAR AL TELEFONO (903) 764-5657

CITY OF ELKHART

2024 Consumer Confidence Report

This is your water quality report for
January 1st to December 31, 2024

CITY OF ELKHART provides groundwater from the Carizzo-Wilcox Aquifer, located in Anderson County.

The 2024 Water Quality Report for the City of Elkhart shows our commitment to ensuring the safety and quality of the city's drinking water. The report details the sources, treatment processes, and testing results of Elkhart's water supply to assure residents of its safety. We source our water solely from groundwater wells, which are carefully monitored and treated to meet both TCEQ and federal standards. The report covers various parameters including pH levels, turbidity, and concentrations of minerals such as iron and manganese, as well as potential contaminants like nitrates and lead. Regular testing is conducted to ensure compliance with the Texas Commission on Environmental Quality's (TCEQ) regulations and to promptly address any emerging issues. The 2024 report confirms that Elkhart's water quality remains within safe limits. We continue to make improvements to our infrastructure and treatment methods to protect public health. Additionally, we encourage residents to participate in water conservation efforts and to report any water quality concerns, ensuring a safe and sustainable water supply for all.

PWS_0010005

DEFINITIONS AND ABBREVIATIONS

The following tables contain scientific terms and measures, some of which may require explanation.

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

AVG: Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment: A Level 1 assessment is a study of the water to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Containment Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum residual disinfectant level or 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 or MRDLG: 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.

MFL: million fibers per liter (a measure of asbestos)

mrem: millirems per year (a measure of radiation absorbed by the body)

na: not applicable

NTU: nephelometric turbidity units (a measure of turbidity)

pCi/L: picocuries per liter (a measure of radioactivity)

ppb: micrograms per liter or parts per billion

ppm: milligrams per liter or parts per million

ppq: parts per quadrillion, or picograms per liter (pg/L)

ppt: parts per trillion, or nanograms per liter (ng/L)

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90 th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	9/14/2023	1.3	1.3	0.43	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

2024 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAAS)	2024	12	12-12	No goal for the total	60	ppb	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

**The value in the Highest Level or Average Detected column is the highest average of all HAAS sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2024	43.2	43.2-43.2	No goal for the total	80	ppb	N	By-product of drinking water disinfection
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*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2024	0.012	0.012-0.012	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Flouride	2024	0.253	0.253-0.253	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as nitrogen]	2024	0.0481	0.0423-0.0481	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Level's Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine	2024	1.83	0.45-3.01	4	4	mg/L	N	Water additive used to control microbes.

The city of Elkhart has prepared a service line inventory that is publicly accessible on our website at:

<https://cityofelkharttx.gov/lead-service-line-inventory>

To view, please follow the link above and click on the Lead Service Line Inventory attachment at the bottom of the page.