

Regulated Contaminants

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2023	24	23.5 - 24.3	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2023	41	38.3 - 40.9	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2023	0.036	0.015 - 0.036	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Cyanide	2023	54.8	0 - 54.8	200	200	ppb	N	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories.
Fluoride	2023	0.139	0.0923 - 0.139	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)	2023	0.0462	0.0287 - 0.0462	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	10/24/2018	1.5	1.5 - 1.5	0	5	pCi/L	N	Erosion of natural deposits.

A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system. Information about source water is also included. A Level 2 Assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system. Information about source water is also included. A Level 3 Assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system. Information about source water is also included.

The TCR (Total Coliform Reduction) is a measure of the effectiveness of the disinfection process. It is calculated as the percentage of total coliforms that are killed during the disinfection process. For more information on source water assessments and TCR, please contact our water utility at (936) 462-7595. Our water comes from the Carrizo River aquifer in the Carrizo River Basin.

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 or MRDLG. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG does not reflect the health risk of disinfectants or control microbial contaminants.

Maximum residual disinfectant level or MRDL. A disinfectant level (a measure of residual) that is not expected to be exceeded in drinking water.

Maximum residual disinfectant level or MRDL. A disinfectant level (a measure of residual) that is not expected to be exceeded in drinking water.

Maximum residual disinfectant level or MRDL. A disinfectant level (a measure of residual) that is not expected to be exceeded in drinking water.

Maximum residual disinfectant level or MRDL. A disinfectant level (a measure of residual) that is not expected to be exceeded in drinking water.

FIRST CLASS MAIL
U S POSTAGE
PAID
MARTINSVILLE, TEXAS 75958
PERMIT NO 1

SWIFT WATER SUPPLY
P.O. BOX 5
MARTINSVILLE, TEXAS 75958