

City of New Summerfield
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Maximum Contaminant Level Violation MCL, LRAA / TTHM

The Texas Commission on Environmental Quality (TCEQ) has notified the CITY OF NEW SUMMERFIELD TX0370028 that the drinking water being supplied to customers had exceeded the Maximum Contaminant Level (MCL) for total trihalomethanes. The U.S. Environmental Protection Agency (U.S. EPA) has established the MCL for total trihalomethanes to be 0.080 milligrams per liter (mg/L) based on locational running annual average (LRAA), and has determined that it is a health concern at levels above the MCL. Analysis of drinking water in your community for total trihalomethanes indicates a compliance value in quarter one 2019 of 0.108 mg/L for DBP2-02 and 0.092 mg/L for DBP2-01.

Trihalomethanes are a group of volatile organic compounds that are formed when chlorine, added to the water during the treatment process for disinfection, reacts with naturally-occurring organic matter in the water.

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

You do not need to use an alternative water supply. However, if you have health concerns, you may want to talk to your doctor to get more information about how this may affect you.

We are taking the following actions to address this issue:

Researching alternative disinfection with on-site hypo-chlorination, ground water storage tank aeration and a treatment process to address possible biofilm presence. Disinfection free chlorine levels are being maintained and monitored at a minimum reaction level and increased monthly line flushing.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

If you have questions regarding this matter, you may contact the Utilities Director, Peter Eads, at (903) 726-3651.

Posted/Delivered on: 05/02/19

Violation Sample Results Report:
CITY OF NEW SUMMERFIELD PWS ID: TX0370028

DBP2-01

Violation ID Number	Monitoring Period	Violation Description	Analyte Description	Calculated Compliance Value
90059548	1Q2019	MCL, LRAA	TTHM	0.092 mg/L

Results for Quarter 1 of 2019: TTHM

Sample ID:Q1911964012 03/21/2019 DBP2-01 14323 HWY 110 N, NEW SUMMER 87.7 µg/L

Results for Quarter 4 of 2018: TTHM

Sample ID:Q1843100017 10/25/2018 DBP2-01 14323 HWY 110 N, NEW SUMMER 93.2 µg/L

Results for Quarter 3 of 2018: TTHM

Sample ID:Q1832895001 08/16/2018 DBP2-01 14323 HWY 110 N, NEW SUMMER 101.0 µg/L

Results for Quarter 2 of 2018: TTHM

Sample ID:Q1817979001 05/03/2018 DBP2-01 14323 HWY 110 N, NEW SUMMER 84.9 µg/L

DBP2-02

Violation ID Number	Monitoring Period	Violation Description	Analyte Description	Calculated Compliance Value
90059547	1Q2019	MCL, LRAA	TTHM	0.108 mg/L

Results for Quarter 1 of 2019: TTHM

Sample ID:Q1911964006 03/21/2019 DBP2-02 2265 CR 4303, NEW SUMMERFIEI 103.0 µg/L

Results for Quarter 4 of 2018: TTHM

Sample ID:Q1843100018 10/25/2018 DBP2-02 2265 CR 4303, NEW SUMMERFIEI 99.4 µg/L

Results for Quarter 3 of 2018: TTHM

Sample ID:Q1832895002 08/16/2018 DBP2-02 2265 CR 4303, NEW SUMMERFIEI 143.0 µg/L

Results for Quarter 2 of 2018: TTHM

Sample ID:Q1817979002 05/03/2018 DBP2-02 2265 CR 4303, NEW SUMMERFIEI 85.4 µg/L