

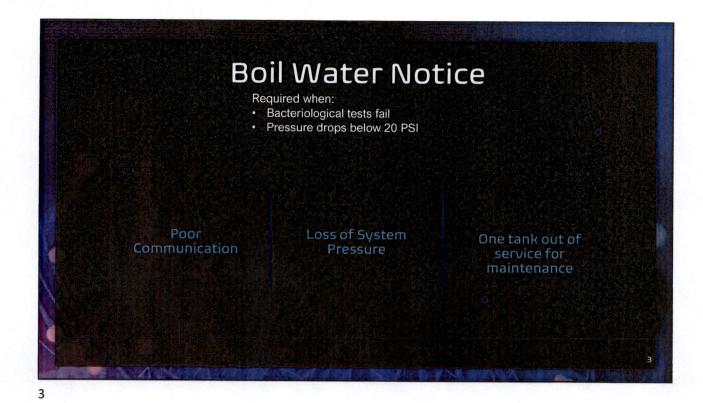
Overview

Two Notices Issued

Boil Water notice Lasting from January 16th-18th

TTHM Exceedances

MCL exceedance for 4th quarter 2023
OEL Exceedance for 4th quarter 2023



Poor Communication City Staff failed to monitor tank levels during freezing weather City currently does not have SCADA monitoring capabilities Public Education- Fliers were mailed and posted but didn't reach near enough population. Water Plant Operations did not notify us of high demand Plant SCADA failed due to frozen sensor

Loss of System Pressure

Public running faucets

Fliers recommended dripping faucets at a rate of 5 drops per minute News broadcast were recommending running the faucets with a pencil tip stream

Water Plant reported feeding 1500 GPM

1500 GPM x 1440 minutes (One 24-hour period) = 2.16 MGD (Million Gallons Per Day)

This flow rate exceeds our usual January flows that average between 1.3 to 1.6 MG Additionally, with the high demand we were not refilling the storage tank which led to low pressure

Tank capacity

George St .5 MG

Village .5 MG (offline for maintenance)

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Village Tower

The TCEQ required annual inspection revealed the need to clean and paint the interior of Village tower

It was scheduled to be done at this time to avoid having a storage tank down during peak times in the summer

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Steps to prevent future issues

Improved communication

Staff level

Internally

With external partners (Water Plant)

Public Awareness

Installation of SCADA monitoring equipment

Being addressed in the rehab of GST

Pressure gauge being installed in Public Works Admin building for monitoring

Trihalomethanes & HaloAceticAcids

Definitions

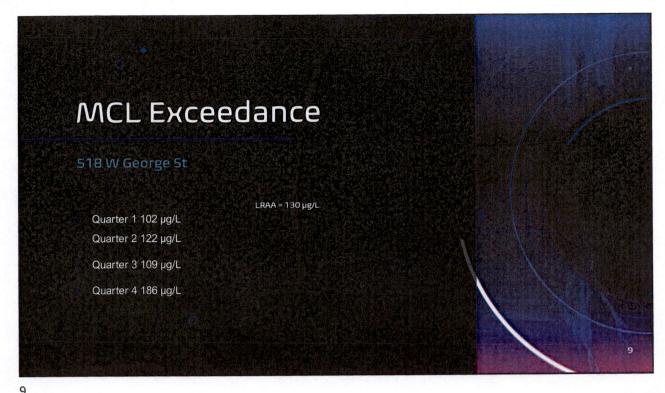
Trihalomethanes are a group of volatile organic compounds that are formed when chlorine, added to the water during the treatment process for disinfection, reacts with naturally occurring organic matter in the water.

MCL - Maximum Contaminant Level

LRAA – Locational Running Annual Average

OEL - Operational Evaluation Report

 $MCL = 80 \mu g/L$



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