

Boil Water Notice for Community Public Water Systems

January 05, 2023

Due to **Low to no pressure in part of the City of Midlands Water distribution system**, the Texas Commission on Environmental Quality has required the **City of Midland** public water system to notify all customers to boil their water prior to consumption (e.g., washing hands/face, brushing teeth, drinking, etc). Children, seniors, and persons with weakened immune systems are particularly vulnerable to harmful bacteria, and all customers should follow these directions).

To ensure destruction of all harmful bacteria and other microbes, water for drinking, cooking, and ice making should be boiled and cooled prior to use for drinking water or human consumption purposes. The water should be brought to a vigorous rolling boil and then boiled for two minutes.

In lieu of boiling, individuals may purchase bottled water or obtain water from some other suitable source for drinking water or human consumption purposes.

When it is no longer necessary to boil the water, the public water system officials will notify customers that the water is safe for drinking water or human consumption purposes.

Once the boil water notice is no longer in effect, the public water system will issue a notice to customers that rescinds the boil water notice in a manner similar to this notice.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, 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 concerning this matter, you may contact **Raymond Saddler, Superintendent of Water Purification and Production** at rsaddler@midlandtexas.gov or (432- 681-7605). **Due to a pump failure at one our pump station serving the south west portion of our distribution system. This causes flow and pressure to be lost in the area served by this pump station. As a precaution due to the City receiving several customer call about loss of water pressure this boiled water was issued. The City investigated the issue and had the pump repaired and back online within 1.5 hours, pressure was fully restored to the area within 1-2 hours of repair completion.**



Texas Commission on Environmental Quality

CERTIFICATE OF DELIVERY OF PUBLIC NOTICE TO CUSTOMERS: Issue Boil Water Notice

Public Water System (PWS) name: City Of Midland -Water Purification Plant

PWS ID: 1650001 Date of Incident/Violation: January 05, 2023, Loss Of Water Pressure

Area Affected: Entire PWS Other Area: _____

Reason(s) issued: (indicate "X" all applicable circumstances; 30 TAC 290.46 (q))

- Low distribution pressures (<20psi)
- Water outage
- E. coli* or fecal positive microbiological sample(s)
- Failure to maintain adequate chlorine residuals
- Elevated finished water turbidities (Surface Water Treatment Rule)
- Line Break
- Other: _____

30 TAC 290.46(q)(1) requires that your PWS make an adequate, good-faith effort to reach all consumers served by the system by appropriate methods (check all below that apply):

COMMUNITY WATER SYSTEM (perform one or more of the following):

- Furnish a copy of the Notice to radio and television stations serving the PWS service area
- Publish Notice in a local newspaper serving the PWS service area
- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

NONCOMMUNITY WATER SYSTEM (perform one or more of the following):

- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

In accordance with 30 TAC §290.122(g), all public water systems that are required to issue public notice to persons in accordance with 30 TAC §290.122, and that sell or otherwise provide drinking water to other public water systems (i.e., consecutive systems), shall provide public notice to the owner or operator of the consecutive systems.

This PWS provides water to consecutive systems and those systems have been provided public notice.

Notice to Consecutive Systems was delivered on: _____ (date)
by the following means: _____

Note: Please include a listing of consecutive systems notified in Comments or attach.

Comments: _____

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”

NOTE: 30 TAC 290.46(q)(6)(F) requires the PWS to provide documentation to the Executive Director within 10 days.

Date of Delivery to Customers: January 6, 2023 Phone: 432 681-7605

Certified by: Raymond Saddler Title: Superintendent Water Purification & Production

Signature  Date: 1-06-2023

E-mail (PWSBWN@tceq.texas.gov) or mail a copy of this completed form, AND copies of the Boil Water Notice given to your customers to: TCEQ – Water Supply Division MC – 155, Attn: Public Notice. P. O. Box 13087 Austin, TX 78711-3087

Figure: 30 TAC §290.47(c)(3)

Boil Water Notice Rescinded

January 6, 2023

On **January 5, 2023**, the Texas Commission on Environmental Quality required the **City of Midland – Water Purification Plant** public water system, 1650001, to issue a Boil Water Notice to inform customers, individuals, or employees that due to conditions which occurred recently in the public water system, the water from this public water system was required to be boiled prior to use for drinking water or human consumption purposes.

The public water system has taken the necessary corrective actions to restore the quality of the water distributed by this public water system used for drinking water or human consumption purposes and has provided TCEQ with laboratory test results that indicate that the water no longer requires boiling prior to use as of **January 07, 2023**.

If you have questions concerning this matter, you may contact **Raymond Saddler, Superintendent Water Purification & Production** at rsaddler@midlandtexas.gov or (432) 681-7605.

Mandatory Language for Surface Water Treatment Technique Violation

SURFACE WATER TREATMENT TECHNIQUE: ACUTE

The Texas Commission on Environmental Quality (TCEQ) sets minimum water quality standards for public drinking water. One of these standards is a turbidity limit. Turbidity by itself has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may also indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. These symptoms can be particularly severe in people who are not as resistant to infections as most of the population. If you experience severe symptoms, please consult with your doctor to determine what actions you should take.

The CITY OF MIDLAND WATER PURIFICATION PLANT, PWS ID **TX1650001**, failed to meet the minimum treatment technique requirements for the month of January 2023, specifically, our water system had

- ***Multiple barrier failure treatment technique violation (combined filter effluent (CFE) > 1.0 Nephelometric Turbidity Units (NTU) and individual filter effluent (IFE) > 2.0 NTU***
- ***Low Inactivation Ratio (< 2.0) when CFE > 1.0NTU).***

Due to mechanical failures and water quality issues the Water Purification Plant was not able to meet the minimum disinfection contact time or filter Turbidity levels required by Federal Surface Water treatment rules. This caused The City of Midland PSW1650001 to take the following corrective actions; Chlorine levels were increased at the water plant and flows were lowered to get back into compliance with Surface Water Treatment Rules Contact Time and filter turbidity level requirements.

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 Raymond Saddler at rsaddler@midlandtexas.gov or (432) 681-7605.

Posted /Delivered on: 01/07/2023



Texas Commission on Environmental Quality

CERTIFICATE OF DELIVERY OF PUBLIC NOTICE TO CUSTOMERS: Rescind Boil Water Notice

Public Water System (PWS) name: City Of Midland- Water Purification Plant

PWS ID: 1650001_ Date Boil Water Notice Issued: January 05, 2023

30 TAC 290.46(q) requires a PWS to notify customers that a boil water notice has been rescinded. A public water system shall not rescind a boil water notice until the public water system has met all the applicable requirements as described in 30 TAC 290.46 (q)(6).

Indicate "☒" for all requirements met and **provide documentation** with submittal:

- Sufficient water pressures (>20 psi) are consistently maintained per 30 TAC 290.47 (e).
 - Affected area(s) have been thoroughly flushed and adequate chlorine residual (free >0.2mg/L, chloramine >0.5mg/L) is maintained throughout the system.
 - Surface Water Treatment Rule Only - Finished water entering the system has turbidity levels consistently below 1.0 NTU
 - Specific actions required by the Executive Director have been met (describe actions):
-
- Microbiological samples, marked "Special", from representative sites in system, are analyzed by an approved lab and all results are negative for coliform organisms.

Please indicate how the PWS provided this rescind notification to customers.

COMMUNITY WATER SYSTEM (perform one or more of the following):

- Furnish a copy of the Notice to radio and television stations serving the PWS service area
- Publish Notice in a local newspaper serving the PWS service area
- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

NONCOMMUNITY WATER SYSTEM (perform one or more of the following):

- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

NOTE: 30 TAC 290.46(q)(6)(F) requires the PWS to provide documentation to the Executive Director within 10 days.

Date of Delivery to Customers: January 05, 2023 Phone: 432 681-7605

Certified by: Raymond Saddler Title: Superintendent Water Purification & Production

Signature: [Handwritten Signature] Date: 1-07-2023

E-mail (PWSBWN@TCEQ.TEXAS.GOV) or mail a copy of this completed form, AND copies of the Rescind Notice given to your customers to: TCEQ – Water Supply Division MC – 155, Attn: Public Notice. P. O. Box 13087 Austin, TX 78711-3087