

# City of Pauls Valley

Phone: (405) 238-3308 ♦ Post Office Box 778 ♦ Pauls Valley, Okla. 73075

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## Total Organic Carbon Reduction Violation

### What happened:

The water treatment plant had a total filter membrane replacement performed to our treatment plant this year. The change in the filter media quality made our water treatment process change. This change in treatment process changed the TOC reduction, which put us just under the regulatory limit requirements. The amount of polymer that was used before was in higher quantities than we are using now. Using the same amount with the new filters, resulted in a clogging issue. A reduction in polymer was made to correct the issue and to meet the turbidity criteria limits.

### What we have done:

We have adjusted the coagulation process in small increment to find the best possible treatment for our process. We will be taking extra non-compliant TOC samples along with monthly TOC Anylysis to correct the TOC reduction requirements, quickly, until normal.

### Violation Resolved:

We have made our DEQ enforcement officer aware, and further discussed our steps for resolution. The City of Pauls Valley has maintained this water treatment plant without major concern, for many years. We are confident that we will have this issue resolved as soon as possible. Ideally, within 30 days.

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Our water system recently violated drinking water standards. Although this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

### Town of Pauls Valley Did Not Meet Treatment Requirements

We routinely monitor your water for Total Organic Carbon Removal. It is determined by averaging all results from the past 12 months. This tells us whether we are effectively removing Organic Carbon from the water supply. Our latest calculations have shown that we didn't remove the average percentage of organic carbon required by EPA standards during the Third Quarter 2023.

**What should I do?** You do not need to use an alternate water supply or take other actions. However, if you have specific health concerns, consult your doctor.

**What does this mean?** This is not an emergency. If it had been, you would have been notified immediately. Total Organic Carbon has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include Trihalomethanes (THMs) and Haloacetic acids (HAAs). Drinking Water containing these byproducts in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.

### CORRECTIVE ACTION

**What happened? What is being done? When will the violation be resolved?**

For further information contact:

Rick Vehne (405) 926-7139

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.

This notice is being sent to you by Town of Pauls Valley

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