

Public Notice

May 19, 2016



The Texas Commission on Environmental Quality (TCEQ) sets minimum water quality standards for public drinking water. Our water system recently violated drinking water requirements. Even though this is 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.

The following Public Notice is mandatory language required by TCEQ.

**Lead and Copper Rule Monitoring and Reporting Violation
Mandatory Language – Tier III
Important Information About Your Drinking Water**

The City of Granite Shoals Sherwood Shores III, PWS ID# 0270022, has violated the monitoring and reporting requirements set the Texas Commission on Environmental Quality (TCEQ) in Chapter 30, Section 290, Subchapter F. Even though these were not emergencies, as our customers, you have the right to know what happened and what we are doing (or did) to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the periods of 1/01/2015 - 06/30/2015 and 07/01/2015 – 12/31-2015 we did not collect and test and the samples under the current lead and copper rules. As a result of not completing the monitoring and testing for lead and copper, we did not complete the reporting requirements under the lead and copper rules or the distribution of public education materials required under the lead and copper rules, and therefore, cannot be sure of the quality of your drinking water during that time.

The table below lists the contaminants we did not properly test for during the last year, how often we are supposed to sample for lead and copper, how many samples we were supposed to take, how many samples we took, when samples should have been taken, and the date on which the follow-up samples were taken.

Contaminant	Required Sampling Frequency	Number of samples taken	When samples should have been taken	When samples will be taken
Lead & Copper tap water sampling	20 samples	0	Jan-Jun 2015	April 2016
Lead & Copper tap water sampling	20 samples	0	Jul-Dec 2015	Jun-Sep 2016
Water Quality Parameters	Initial	3	Jan-Jun 2015 Jul-Dec 2015	April 2016 Jun-Sep 2016

As required by TCEQ, we will continue to monitor and report the result of lead and copper sampling. For more information, please contact Peggy Smith at 830-598-2424 or gspw@graniteshoals.org.

The following Public Notice is mandatory language required by TCEQ

**Lead and Copper Rule Corrosion Control Violation Notice
Mandatory Language - Tier II
Important Information About Your Drinking Water**

The City of Granite Shoals Sherwood Shores III Water Contains High Levels of Lead based upon sample results from samples taken in 2014 at specific consumer's taps tested for lead and copper.

We routinely sample at consumer's taps for lead and copper. The tests show lead levels in the water above the limit, or "action limit", so we are required evaluate the water system for corrosion control and recommend treatment options, if required, for corrosion control treatment. This treatment helps prevent lead and copper in the pipes from dissolving into the water. The list below has the corrosion control treatment actions which we did not complete, within the required time allowed by the drinking water regulations.

- Failure to submit Lead Public Education documentation to TCEQ
- Failed to submit recommendations for optimal corrosion control treatment
- Failed to perform corrosion control studies to determine whether treatment is necessary to reduce the corrosivity of the water
- Failed to maintain optimal water quality parameter minimum or ranges
- Failed to install and/or operate approved source water treatment and submit certification of treatment
- Failed to notify State of long-term change in treatment
- Failure to meet approved maximum permissible levels for entry point lead and copper

What should you do?

Listed below are some steps you can take to reduce your exposure to lead:

- Find out whether your pipes contain lead, lead solder, or copper.
- Run your water 15-30 seconds or until it becomes cold before using it for drinking or cooking. This flushes any standing lead and copper from the pipes.
- Don't cook with or drink water from the hot water tap; lead and copper dissolves more easily into hot water.
- **Do not boil your water to remove lead and copper.** Excessive boiling water makes the lead and copper more concentrated – the lead and copper remains when the water evaporates.

What does this mean?

This is not an emergency. If it had been, you would have been notified **within 24 hours.**

Typically, lead and copper enters water supplies by leaching from lead, copper or brass pipes and plumbing components. New lead pipes and plumbing components containing lead are no longer allowed for this reason. **However**, many older homes may contain lead pipes. Your water is more likely to contain high lead levels if water pipes in/or leading to your home are made of lead or contain lead solder.

Please note: *Infants and children who drink water containing lead in excess of the action level could experience delay in their physical or mental development. Children could show slight deficits in

attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. Children and adults who drink water containing copper in excess could experience stomach and intestinal distress as well as liver and/or kidney damage.*

If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and further steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

What is being done?

As required by the TCEQ, the City of Granite Shoals Sherwood Shores III performed supplemental lead and copper sampling and analysis in April 2016. The results of the 2014 and the 2016 analysis are summarized below:

Our water supply system is constructed of pvc pipe and does not contain any lead pipes or lead connections. Additionally, in July of 2015, we replaced all meters and meter connections with new no-lead brass meters and meter connections.

Lead and Copper	Date Sampled	# of Samples	Action Level (AL)	# sites over AL	Units
Lead	2014	10	0.015 mg/L	2	mg/L
Lead	2016	20	0.015 mg/L	1	mg/L
Copper	2014	10	1.3 mg/L	1	mg/L
Copper	2016	20	1.3 mg/L	0	mg/L

The Texas Commission on Environmental Quality (TCEQ) has required the City of Granite Shoals Sherwood Shores III to undertake supplemental sampling in order to ensure minimal levels of corrosion are maintained in the distribution system that delivers drinking water to our customers. This requirement is associated with previous sampling results from our system that documented lead and/or copper levels in the water above the limit, or “action level”, so we are required to conduct supplemental sampling and analysis to determine whether or not our water is corrosive. **After evaluation of these results, the water quality parameters meet the drinking water standards as set by the State and the system with propose no corrosion control treatment is necessary for the system.** The table below lists the supplemental sampling we did and the sample results of those tests:

Constituent	Sample Location: Entry Point	Sample Location: Entry Point	Sample Location: Distribution Site: Residence	Sample Location: Distribution Site: Residence
Lead, mg/L	<0.0010	NA	NA	NA
Copper, mg/L	0.028	NA	NA	NA
pH	7.30	7.08	7.24	7.13
Alkalinity, mg/L	180	188	183	188
Calcium, mg/L	68	65	62	66
Conductivity, µmho/cm	535	537	512	530
Temperature, °C	22.8	22.0	23.1	21.3
Date of Sample	4-20-16	4-20-16	4-20-16	4-20-16