



Send all documents to:  
Consumer Confidence Reports  
Water Quality Division  
Department of the Environmental Quality  
P.O. Box 1677  
Oklahoma City, OK 73101-1677

**CCR Certification Form**

PWS Name: Purcell PWSID NO: OK\_2004701 CCR Year: 2014

Name (Print): Steve Mayer Title: Superintendent Phone # 405-442-8212

Signature:  Date: 03-31-2015

**Delivery Option Methods: Option 1 may be used by all systems, if option 1 is not used Option 2 must be used. ALL systems must be able to provide the CCR upon request.**

**Option 1:**

**All Systems may post the CCR on a publicly accessible Internet site or email the CCR as an attachment or an embedded image. (If posting the CCR, the link must be sent to all customers; either by mail or by email to customers who utilize email bill pay.) [www.cityofpurcell.com](http://www.cityofpurcell.com)**

Specify delivery method: Message and link sent with Utility Bills Date delivered: May 1, 2015

**Option 2:**

**Systems serving a population of 100,000 or greater must post the CCR on a publicly accessible Internet site. (Link must be mailed or emailed to customers who utilize email bill pay.)**  
www. \_\_\_\_\_

**Systems serving a population of 10,000 or greater must distribute by mail or direct delivery.**  
Specify delivery method: \_\_\_\_\_ Date delivered: \_\_\_\_\_

**Systems serving a population of more than 500 but less than 10,000 may distribute by mail or direct delivery.**  
Specify delivery method: \_\_\_\_\_ Date delivered: \_\_\_\_\_  
**Or** system may choose mailing waiver option. System must notify by "direct means"<sub>1</sub> that CCR is not being mailed, but will publish in newspaper.  
**System must attach copy of CCR and affidavit of publication.**  
Specify "direct means" method: \_\_\_\_\_ Date delivered: \_\_\_\_\_

**Systems serving a population of 500 or less must distribute by mail or direct delivery.**  
Specify delivery method: \_\_\_\_\_ Date delivered: \_\_\_\_\_  
**Or** system may choose mailing waiver option. System must notify by "direct means"<sub>1</sub> that CCR is not being mailed, but describe how it can be obtained.  
**System must attach copy of CCR.**  
Specify "direct means" method: \_\_\_\_\_ Date delivered: \_\_\_\_\_

*NOTE: Mailing waiver cannot be used if system is required to do Tier 3 public notice*

"Good faith" efforts were used to reach non-bill paying consumers. Specify these efforts: \_\_\_\_\_  
(Examples include posting on the internet, TV advertisement, posting in public places, and delivery to community organizations.)

Delivered CCR to consecutive systems (attach a list).

Public notice requirements were met through this CCR. The violations included in the public notice were for: The Ground Water sampling rules were violated due to a failure of the Purcell Mobil Home Park to notify us of a bad sample that they had received.

1. For the mailing waiver option, the "Direct Means" allowed are a letter, a bill stuffer, a door hanger, or a postcard dedicated to the CCR. By submittal of this form, the community water system indicated above hereby confirms that the Consumer Confidence Report has been distributed to customers (and appropriate notices of availability have been given) in accordance with 40 CFR § 141.155. Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the primacy agency.

# 2014 Annual Water Quality Report

## City of Purcell

PWS ID# OK2004701

We are once again pleased to present this year's Annual Water Quality Report. This report is designed to inform our clients of all water testing results between January 1 and December 31, 2014. Our constant goal is to provide a safe and dependable supply of drinking water that meets all state and federal standards. We continually strive to improve water treatment methods and protect our water resources. We are committed to insuring the quality of your drinking water.

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Our source water is groundwater drawn from fourteen groundwater wells. We are required to test for bacteriological and other contaminants that may be present in the drinking water. All measured values were within the required levels.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. The sources of drinking water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up contaminants resulting from animals or human activity: Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming;
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses;
- Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems;
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

Water Quality Test Results:	
ppm	parts per million, or milligrams per Liter (mg/L)
ppb	parts per billion, or micrograms per Liter (µg/L)
pCi/L	picocuries per Liter ( a measure of radioactivity)
MCLG	Maximum Contaminant Level Goal. The level of contaminant in drinking water below which there is no known or expected risks to health. MCLGs allow for a margin of safety.
MCL	Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water.
NA	not applicable

### For More Information

For any questions relating to your drinking water please contact Steve Mayer, Water Superintendent, at (405) 442-8212. More information about contaminants and potential health effects can be obtained by calling the Safe Drinking Water Hotline (800-426-4791). We want our valued customers to be informed about their water.

## 2014 Monitoring Results for Purcell

All test results are for the year 2014 unless otherwise noted<sup>1</sup>

Contaminant	Sample Date	Highest Level Detected	Range	MCLG	MCL	Units	Violation	Likely Sources of Contamination
<b>Inorganic Contaminants</b>								
Barium	2014	0.329	0.329- 0.329	2	2	ppm	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium	2014	15.7	15.7- 15.7	100	100	ppb	No	Discharge from steel and pulp mills; Erosion of natural deposits.
Nitrate (measured as Nitrogen)	2014	0.17	0.17- 0.17	10	10	ppm	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
<b>Radioactive Contaminants</b>								
Beta/photon emitters	4/4/2013	5.24	5.24- 5.24	0	4	Mrem/yr	No	Decay of natural and manmade deposits.
Combined Radium 226/228	4/4/2013	1.459	1.459- 1.459	0	5	pCi/L	No	Erosion of natural deposits
Gross alpha excluding radon and uranium	4/4/2013	8.89	4.13- 8.89	0	15	pCi/L	No	Erosion of natural deposits
Uranium	4/4/2013	7.11	7.11- 7.11	0	30	µg/L	No	Erosion of natural deposits
<b>Disinfection and Disinfection Byproducts</b>								
Chlorine	2014	1.0	1.0 – 1.0	MRDLG = 4	MRDL = 4	ppm	No	Water additive used to control microbes
TTHM	2014	4.0	0- 8.9	NA	80	ppb	No	Byproduct of Drinking Water Disinfection
Contaminant	Sample Date	90 <sup>th</sup> Percentile	Action Level (AL)	MCLG	# Sites Over AL	Units	Violation	Likely Sources of Contamination
<b>Lead and Copper</b>								
Copper	2014	0.119	1.3	1.3	0	ppm	No	Erosion of natural deposits; Corrosion of household plumbing systems.
Lead	2013	0	15	0	1	ppb	No	Corrosion of household plumbing systems; Erosion of natural deposits

### Violations Table

Violation Type	Violation Begin	Violation End	Violation Explanation
E.Coli Monitor GWR Triggered Additional, Major	6/27/2014	2014	We failed to collect follow-up samples within 24 hours of learning of the total coliform positive sample in a water system we sell water to. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected. There were no positive samples in Purcell's water distribution system.