

2008 Northcrest Ranch Annual Drinking Water Quality Report

Inorganic Contaminants

| Year or Range | Contaminant | Average Level | Minimum Level | Maximum Level | MCL | MCLG | Unit of Measure | Source of Contaminant |
|---------------|-------------|---------------|---------------|---------------|-----|------|-----------------|----------------------------------------------------------------------------------------------|
| 2006 2005 | Barium | 0.1 | 0.099 | 0.102 | 2 | 2 | ppm | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. |
| 2008 | Nitrate | 0.04 | 0.03 | 0.05 | 10 | 10 | ppm | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits. |

Organic Contaminants

Testing waived, not reported, or none detected

Maximum Residual Disinfectant Level

System must complete and submit disinfection data on the Disinfection Level Quarterly Operating Report (DLQOR). On the CCR report, the system must provide must provide disinfectant type, minimum, maximum and average levels.

| Year | Disinfectant | Average Level | Minimum Level | Maximum Level | MCL | MCLG | Unit of Measure | Source of Disinfectant |
|------|-------------------|---------------------------------------|-------------------------------|------------------------------|-----|------|-----------------|----------------------------------------|
| 2008 | Disinfectant used | Average level of CCR year's quarterly | Minimum results single sample | Maximum result single sample | 4 | <4.0 | ppm | Disinfectant used to control microbes. |

Disinfection Byproducts

Not reported or none detected

Unregulated Initial Distribution System Evaluation for Disinfection Byproducts

Waived or not yet sampled

Unregulated Contaminants

Not reported or none detected

Lead and Copper

| Year | Contaminant | The 90th Percentile | Number of Sites Exceeding Action Level | Action Level | Unit of Measure | Source of Contaminant |
|------|-------------|---------------------|----------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------|
| 2002 | Lead | 5.2 | 0 | 15 | ppb | Corrosion of household plumbing systems; erosion of natural deposits. |
| 2002 | Copper | 0.357 | 0 | 1.3 | ppm | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. |

Turbidity

Not required

Total Coliform

Reported monthly test found no coliform bacteria

Fecal Coliform

Reported monthly test found no fecal coliform bacteria

Recommended Additional Health Information for Lead

All water systems are required by EPA to report the language below starting with the 2009 CCR to be delivered to you by July of 2010. We are providing this information now as a courtesy. "If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water supply is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>."

Secondary and Other Constituents Not Regulated

(No associated adverse health effects)

| Year or Range | Constituent | Average Level | Minimum Level | Maximum Level | Secondary Limit | Unit of Measure | Source of Contaminant |
|---------------|---------------------------------------|---------------|---------------|---------------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------|
| 2007 2006 | Bicarbonate | 221 | 210 | 231 | NA | ppm | Corrosion of carbonate rocks such as limestone. |
| 2006 2005 | Calcium | 65.3 | 58.7 | 71.9 | NA | ppm | Abundant naturally occurring element. |
| 2007 2006 | Chloride | 17 | 16 | 17 | 300 | ppm | Abundant naturally occurring element; used in water purification; byproduct of oil field activity. |
| 2006 2005 | Copper | 0.003 | 0 | 0.006 | 1 | ppm | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. |
| 2006 2005 | Magnesium | 1.9 | 1.7 | 2.1 | NA | ppm | Abundant naturally occurring element. |
| 2006 2005 | Nickel | 0.001 | 0 | 0.001 | NA | ppm | Erosion of natural deposits. |
| 2007 2006 | pH | 7.6 | 7.5 | 7.6 | >7.0 | units | Measure of corrosivity of water. |
| 2006 2005 | Sodium | 15 | 15 | 15 | NA | ppm | Erosion of natural deposits; byproduct of oil field activity. |
| 2007 2006 | Sulfate | 1 | 1 | 1 | 300 | ppm | Naturally occurring; common industrial byproducts; byproducts of oil field activity. |
| 2007 2006 | Total Alkalinity as CaCO ₃ | 181 | 172 | 189 | NA | ppm | Naturally occurring soluble minerals salts. |
| 2007 2006 | Total Dissolved Solids | 248 | 242 | 253 | 1000 | ppm | Total dissolved mineral constituents in water. |
| 2006 2005 | Total Hardness as CaCO ₃ | 171 | 153 | 188 | NA | ppm | Naturally occurring calcium. |
| 2006 2005 | Zinc | 0.022 | 0.019 | 0.025 | 5 | ppm | Moderately abundant naturally occurring element; used in the metal industry. |