

SUNRISE WATER CO.

During 2021 Sunrise Water Co. received water from the City of Peoria.

RESULTS OF WATER ANALYSIS FOR WATER RECEIVED FROM THE CITY OF PEORIA

2021

| Analyte | Units | Peoria Water System | | EPA Limit MCL | EPA Limit MCLG | Source |
|------------------------------------|-------|---------------------|-----------------------|-------------------------------------|----------------|---|
| | | Range | Average | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | µg/L | ND – 20 | 3 | 200 | 0 | Runoff/leaching from soil fumigant used on soybean, cotton, pineapple, and orchards |
| Alkalinity | mg/L | 102 – 217 | 145 | N/A | N/A | Naturally present |
| Arsenic | ug/L | 0-6.5 | 2 | 10 | 0 | Erosion of natural deposits; Runoff from orchards |
| Barium | mg/L | ND - 0.067 | 0.027 | 2 | 2 | Erosion of natural deposits. |
| Bromate* | µg/L | ND – 4 | 1 | 10 | 0 | By-product of drinking water ozonation |
| Calcium | mg/L | 11-81 | 51 | N/A | N/A | Erosion of natural deposits |
| Chlorite as ClO ₂ | mg/L | 0.01-0.67 | 0.038 | 1 | 0.8 | Byproduct of drinking water disinfection |
| Chromium | µg/L | ND – 38 | 10.8 | 100 | 100 | Discharge from steel an pulp mills; Erosion of natural sources |
| Combined radium | pCi/L | ND-0.7 | 0.140 | 5 | 0 | Erosion of natural deposit |
| Fluoride | mg/L | 0.22 - 0.59 | 0.35 | 4 | 4 | Erosion of natural deposits |
| Gross Alpha | pCi/L | 2.4 - 2.8 | 2.5 | N/A | N/A | Erosion of natural deposits |
| Nitrate | mg/L | 0.33 - 5.33 | 2.26 | 10 | 10 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Selenium | µg/L | ND -2.1 | 0.35 | 50 | 50 | Erosion of natural deposit |
| Sodium | mg/L | 29-140 | 66 | N/A | N/A | Naturally Present in the environment |
| Total Organic Carbon | mg/L | 1.7-4.73 | 2.53 | TT | N/A | Disinfection By-product precursor |
| Total Haloacetic Acids * | µg/L | ND-16 | 6.8 | 60 | N/A | By-product of drinking water chlorination |
| Total Trihalomethanes * | µg/L | ND – 92 | 31.5 | 80 | N/A | By-product of drinking water chlorination |
| Turbidity | NTU | 0.207 | N/A | TT= 1 NTU | 0 | Soil Runoff |
| | | 100.0% | N/A | TT= % of samples <0.15 NTU | 0 | Soil Runoff |
| Total Coliforms | P/A | 0.18% | N/A | 5% of monthly samples were positive | 0 | Naturally Present |
| Fecal coliform or E. coli bacteria | P/A | 0.00% | N/A | | 0 | Human or animal fecal waste |
| Chlorine Residual | mg/L | ND - 5.6 | 1 | 4 | 4 | Water additive used to control microbes |
| Analyte | Units | 90th Percentile | Number of sites above | EPA Action | EPA Limit | Possible Sources |
| Copper | mg/L | 0.19 | 10 | 1.3 | 1.3 | Erosion of natural deposits, corrosion of home plumbing systems. |
| Lead | µg/L | <5 | 3 | 15 | 0 | Erosion of natural deposits, corrosion of home plumbing systems. |

* MCL is based on a running annual average. The average given is the highest average.