

Scott Walker  
Governor

Kitty Rhoades  
Secretary



**State of Wisconsin**

**Department of Health Services**

**DIVISION OF PUBLIC HEALTH**

1 WEST WILSON STREET  
P O BOX 2659  
MADISON WI 53701-2659

608-266-1251  
FAX: 608-267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

July 14, 2014

ARCADIA WATER UTILITY  
401 SOUTH SOBOTTA STREET  
ARCADIA, WI 54612

Dear Sir or Madam,

Congratulations! On behalf of the Oral Health Program in the Division of Public Health, we would like to present ARCADIA with a Water Fluoridation Quality Award from the U.S. Centers for Disease Control and Prevention (CDC). Fluoridation is the adjustment of fluoride in the water to a level that is optimal for preventing tooth decay. The award recognizes those water systems that adjust the fluoride concentration in drinking water and achieve a monthly average fluoride level that is in the optimal range for 12 consecutive months in a year. ARCADIA maintained a consistent level of optimally fluoridated water throughout 2012.

Community water fluoridation has been recognized by the CDC as one of 10 great public health achievements of the 20th Century. Water fluoridation has helped improve the quality of life in the United States through reduced pain and suffering related to tooth decay, reduced time lost from school and work, and less money spent to restore, remove, or replace decayed teeth. Fluoridation is the single most effective public health measure to prevent tooth decay and improve oral health over a lifetime, for both children and adults. CDC recommends water fluoridation as a safe, effective, and inexpensive method of preventing decay. In fact, every \$1.00 invested in fluoridation saves at least \$38.00 in costs for dental treatment.

On behalf of the Oral Health Program we congratulate you for your efforts to protect the oral health of your community. This award recognizes your commitment and dedication to provide the benefits of water fluoridation for the citizens in your community. Please forward our congratulations to other members of your community who support the water fluoridation efforts in Arcadia. Please do not hesitate to call our office with any questions regarding your award or community water fluoridation.

Sincerely,

A handwritten signature in cursive script that reads 'Robbyn Kuester'.

Robbyn Kuester, BSDH, RDH  
Fluoridation Program Coordinator  
Robbyn.Kuester@wisconsin.gov  
608-266-0876

# **CDC Water Fluoridation Quality Award Criteria**

Each year, many state drinking water programs and professional associations related to the drinking water industry have quality award programs. Many water utilities strive to qualify for these awards. Earning these awards represents a high level of operator care and accomplishment. To support state water fluoridation programs and recognize water treatment facilities that are doing an outstanding job of providing a consistent level of fluoride in the water supply, the Centers for Disease Control and Prevention (CDC) recognizes public water systems that achieve optimal fluoridation levels with an annual Water Fluoridation Quality Award.

For a water system to be eligible, its performance must be documented by the state in the Water Fluoridation Reporting System (WFRS). CDC issues the certificates annually to state oral health programs, which are responsible for distributing the award certificates to the recipient communities. These awards are important to community water systems because they provide CDC recognition for meeting high water quality standards that water systems can promote in their consumer communications.

For those systems that adjust fluoride levels, the Wisconsin Oral Health Program reviews monthly operating reports that have been submitted to the Department of Natural Resources (DNR). The reports are evaluated to identify those water systems that meet strict standards for accuracy in water fluoride treatment, daily monitoring and reporting. The information from these reports is entered into WFRS and used to identify systems that qualify for the Water Fluoridation Quality Award.

## **Award Criteria**

### **Adequate Daily Samples**

- Sample required to be taken daily
- Must be optimally fluoridating for 12 months within a year
- 75% of daily samples must be in the recommended optimal operating range

### **Optimal Fluoride Concentration Control Range**

- Optimal fluoride concentration is 0.7 mg/L
- Monthly average is a minimum of 0.7 mg/L
- Lowest optimal concentration is 0.6 mg/l
- Highest optimal concentration is 0.8 mg/L

### **Adequate Split Samples**

- Monthly split sample must be submitted to WSLH 12 months out of the year
- Operator and lab split sample results must correlate
- Split +/- tolerance is 0.20 mg/L

To be eligible for the awards, all monthly data must be entered into WFRS by the first of March each year. Data that is entered after March 15 will not be used when considering eligibility to receive these awards. Award certificates for individual water systems will be mailed to the state dental directors in early fall.