



## Jordan Valley Water Conservancy District

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April 21, 2004

Mr. Scott Olsen, President  
Citizens for Safe Drinking Water  
Salt Lake County Chapter  
P.O. Box 28183  
Salt Lake City, UT 84126

Dear Mr. Olsen:

This is in response to your recent request for a summary of costs associated with fluoridation of drinking water by Jordan Valley Water Conservancy District (District). In your letter, seven items of information were requested. I will respond to each item in the order provided in your letter:

1. Initial cost estimate prior to the 2000 election.

Prior to the 2000 election, preliminary cost estimates were prepared by the District which ranged between \$560,000 and \$2.1 million dollars depending on the chemical used for fluoridation. At that time, the District did not know which fluoride chemical would be most suitable and if there would be sufficient space available in its treatment plants to locate fluoride storage and feed equipment. For this reason, this initial estimate did not reflect the costs associated with the final fluoride chemical to be used or the new structures needed to house fluoride feed equipment.

2. Budget amount prior to start-up.

The District's budgeted amount prior to start-up was \$2,969,000.

3. Final cost for infrastructure development.

The final capital cost for implementing fluoridation is approximately \$2,450,000.

4. Operating and maintenance costs, including monitoring, reporting, and personnel training.

These costs are estimated at \$297,000 per year.

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5. The product being used and its cost.

The District is using two different types of fluoride chemicals: fluorosilicic acid at a present cost of \$1.58/gal; and sodium fluoride at a present cost of \$1.00/lb.

6. The number of connections the District provides water to.

Jordan Valley Water Conservancy District provides water on a wholesale basis to 19 member agencies and retail water service to approximately 8,500 connections (see attached map for the District's service area).

7. The figure you use to estimate the number of people per connection, i.e. per household.

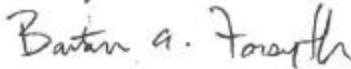
The number of persons per household in the District's retail service area is estimated to be between 3.0 and 3.1 per household.

One of the District's water conservation programs is to provide free water audits to households within Salt Lake County. Since 1999, 3,847 Water Checks have been conducted for households within Salt Lake County. Based on the Water Check data, there is an average of 3.3 persons per households for Water Checks conducted within Salt Lake County.

Based on year 2000 census data, there is 3.1 persons per household in Salt Lake County.

I hope this information is helpful. If you have questions, please call me.

Sincerely,



Bart A. Forsyth, P.E.  
Assistant General Manager  
Water Supply / Water Quality

Jem

Enclosure