

METROPOLITAN  
WATER  
DISTRICT OF  
SALT LAKE & SANDY



3430 East Danish Road  
Sandy UT 84093

DEPARTMENT OF PUBLIC UTILITIES

April 12, 2004

To: Scott Olsen, President, Citizens for Safe Drinking Water Salt Lake  
County Chapter  
c/o Judy Whittlesey  
P.O. Box 26183  
Salt Lake City, Utah 84126

Re: Fluoridation Costs incurred by the Metropolitan Water District of  
Salt Lake & Sandy

1. Initial Cost Estimate for Fluoride Project at Little Cottonwood Water Treatment Plant (2001) - **\$175,000**
2. Budgeted amount prior to start-up in October 2003 - **\$263,000**
3. Final cost for infrastructure development - **\$273,000**
4. Operation and Maintenance Costs, including monitoring and reporting, personnel training.
  - a. Personnel Training - **\$4,015/year**
  - b. Monitoring - **\$10,000 (Hach Fluoride Analyzers)**
  - c. Laboratory - **\$1,000/year**
  - d. Reporting - **N/A**
  - e. Maintenance - **\$4,300/year**
5. Product being used and cost. -
  - a. Product: Hydrofluosilicic Acid,  $H_2SiF_6$ .
  - b. Chemical cost:
    - i. \$0.16 /lbs
    - ii. annual chemical needed: 812,500 lbs
    - iii. annual chemical cost: **\$130,000**
6. The Metropolitan Water District of Salt Lake & Sandy wholesales its water to two member cities, Salt Lake City & Sandy City. It also wholesales water to the Jordan Valley Water Conservancy District. It provides connections to Sandy City's, Salt Lake City's, and Jordan Valley Water Conservancy District's retail water distribution systems.
7. It is estimated that the Metropolitan Water District of Salt Lake & Sandy serves approximately 410,000 people.

Sincerely,

J. Gardner Olson, Project Engineer, MWDSLS

John Robert Carman,  
General Manager

V. Reed Jensen,  
Controller