

Twin Forks MDWCA

Standard Operating Procedure A.2

Maintenance of Safe Water Supply

Approved by the Board of Directors
[September 17, 2005]

I. Summary

In order to maintain a safe water supply constant care is required in the following areas:

- A. prevention of contaminants from entering the water distribution system;
- B. chlorination to prevent the growth of bacteria; and
- C. sampling and testing to assure that bacteria are not present

II. Prevention

- A. To the extent possible, all sources, tanks, and other points of entry to the water distribution system should have well-constructed lids (or other protection) that are locked in order to prevent contamination by animal or human contact.
- B. As funds become available, all sources, tanks and other points of entry to the water distribution system should be fenced to appropriate standards in order to prevent access to the water distribution system by unauthorized individuals.

III. Chlorination

Pellet chlorination devices are currently located at the three springs, between the spring and the associated tank. A fraction of the water flow is diverted through the chlorinator so that the resultant total water stream has a chlorine content in the range 0.4 – 4.0 mg/L, typically about 1.0 mg/L.

IV. Sampling and Testing

Sampling and testing are performed under rules set by the New Mexico Environmental Department. The following website contains complete information: <http://www.nmenv.state.nm.us/dwb/dwbttop.html>. Samples are to be taken at the months and sampling points given in the following table:

January, April, July, October	27 Hopi, 12 Littlejohn
February, May, August, November	2 North Loop Road, 18 Mystery Path
March, June, September, December	24 North Pinecrest, 11 Deadwood Drive

Once the samples have been taken, they are to be delivered to the following address:

Diagnostic and Technology Center
2420B North White Sands
Alamogordo, NM

The results of the sampling and testing are compiled into the annual Consumer Confidence Report, which is to be made available to the membership (newsletter, bulletin boards, mailboxes) by June 1 each year and submitted by July 1 each year to the New Mexico Environmental Department:

New Mexico Environmental Department
Clovis, New Mexico