

- Emergency reserve

The District's emergency reserve is adequate.

- Tank maintenance and inspection

The District has no current formal agreement with an outside firm. This operation is currently being performed to a limited extent by the contract operator.

- Water loss greater than 15%

Under the current metering system, it is not possible to determine the percentage of water loss.

The Consultant has been made aware of deficiencies in each of the two systems through the preparation of this report, i.e., the collection and review of correspondence between the Developer of both condominium complexes, correspondence with the Southwest Regional Office of DNR, operational and design data, plans, and specifications, some of which originated from the files of the Southwest Regional Office of DNR. The Consultant has attempted to collect as much information as is available but acknowledges there may be documents that have not surfaced in our investigations.

**Conclusions:**

It is the opinion of the Consultant that the District's first priority should be the drilling of a new State Approved well at the Cedar Heights complex. This should include the construction of a well house and security fencing along with installation of approved chlorination equipment. During this construction, piping accommodations should be made for the eventual consolidation of the two systems.

The second priority should be the acquisition of a well and tower site in the vicinity of the intersection of Clearwater Drive and Ozark Isle Drive. This acquisition would be the first step in the implementation of Alternate No. 1.

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The remaining work items to be accomplished, as monies become available for their completion, are:

1. Make provision for emergency electrical power.
2. Inspection and maintenance of the water storage facilities and installation of a second manway on the standpipe.
3. Repair well drawdown gauges when submersible pumps are pulled for maintenance.

Respectfully submitted,



Darren Krehbiel, P.E., P.L.S.  
February 1, 2016

