

City of Seminole has four water towers, 20 water wells, one inground storage reservoir and one standpipe in our system.

We recently invited a company to come in and inventory/evaluate our holding facilities. There were some issues such as repainting the outside, recoating the inside of some towers or replacing piping that we were able to budget for annually.

One of the oldest towers, located on Wewoka Avenue, has received an overall rating of 'poor', and has been recommended for retirement and demolition due to:

- Condition of the exterior coating
- Condition of steel substrate of the legs
- Leaks from the bottom of the tank.

The Wewoka Avenue tower and the inground concrete reservoir were both built in the 1930's when lead pipe had no known health related issues. The tank holds approximately 200,000 gallons of water, and the reservoir holds another 75,000 for the same area.

Since it is now known the effects of lead in water systems, this is a health concern for an entire community and listed as a priority project.

City staff has worked with an engineer to find the most cost-effective way to replace the two facilities while leaving them on the system until the new tower is completed. The best scenario is move to a new location while still serving the same population, and construct a 500,000-gallon elevated storage tank that will continue to be in use for generations.

The new tank would be fed by three existing water wells, that currently feed into the inground storage reservoir. These three water wells would be required to be upgraded in order to treat the water at the well site. The water will then be fed into the new elevated tank.

Several Federal agencies are concerned with the amounts of lead pipe still in use nationwide, including EPA and EDA. Seminole has been diligent in working to rid the remaining lead from city-owned wells, tanks and towers. The construction of the elevated tank and wells is a tremendous step in that direction.

The elevated tank estimate is \$3,477,811.00, while the three water well conversions would be \$873,470.00, for a total of \$4,351,281.00.

A new site has been located, engineering has been completed, an ODEQ permit to construct has been obtained for the project. City staff is now researching funding streams for this project.