

**Oak Forest Water Supply Corporation  
Emergency Meeting  
Approved Minutes**

Date: March 17, 2011

Start Time: 6:00 p.m.

Adjourn Time: 8:30 p.m.

Location: 121 Oak Forest Drive

Board Members Presents: Phil Suitt, Perry Watson, Bob Davis, Richard Bailey, Nancy Ellsworth, Russell Taylor, David Cowan

Guests: Joe Vickers

Purpose of the meeting – In response to an email request from the City of Hays that the Elliott Ranch interconnect be turned off the Board met to discuss options and determine plans of action.

- We are currently relying on 100% water supply from the Hays City. Our Edwards Aquifer well silted in and was not producing water. After discussion, Russell Taylor made a motion to approve spending \$8,000 to rehabilitate the Edwards well. The motion was seconded by Bob Davis with a unanimous vote in favor of the rehab. Dave Cowan was late and did not vote, but later concurred with the decision.
- Joe Vickers with Wellspec explained that recently collected samples indicate iron, total dissolved solids and sulfate are above the secondary drinking water standards. Several options for improving water quality were discussed including lowering the pump into a different formation of the Trinity aquifer, chemical treatment and physical treatment (aeration) at the well site. Treatment at the endpoint at homes was also discussed.
  - The new Trinity well pump is at 420 feet depth. Joe Vickers explained that lowering the well to approximately 600 feet into a different Trinity formation may help reduce the level of iron in the water that is currently being pumped from the Trinity. The Trinity well continues to be pumped in anticipation of better water quality. Mr. Vickers has seen some recent changes to water chemistry in the Trinity well, that may indicate improvement. Based on these changes, the Board will wait until the next meeting to decide on lowering the pump.
  - Chemical treatment such as polyphosphate can be used to keep iron in solution as it is distributed. Joe is going to talk with a company who has a new type of iron treatment as an option for removing iron from the system and will report back to the Board.
  - According to Patrick King, aerating the water in the Ground Storage Tank (GST) will help reduce production of hydrogen sulfide and the “rotten egg” smell some residents have experienced. Phil Suitt approved the installation of aerator system in the GST. PGMS will install it asap.
- Another option that was discussed was to drill another well into the Edwards Aquifer. Our existing well is not located in an area known for good production. Drilling another well on the east side of the subdivision could produce more water from the Edwards aquifer. Limitations to this option include

- Expense –Based on Mr. Vickers “off the cuff” estimate a new Edwards well would have to be about 700 feet to produce water. \$125.00-150.00 per foot, which would be \$105,000 plus engineering and incidental fees. Another expense includes purchase and installation of getting water from a new well to the existing GST.
- Permitted allotment – BSEACD no longer permits “historical” permits. Any new permit would not guarantee water in drought situations. Our existing permit of 7 million gallons/year (about half of our demand) could be transferred to our new well.