

GRAND WATER & SEWER SERVICE AGENCY

Regular Meeting-----April 7, 1999

The meeting was called to order by the President, Gary N. Wilson at 7:06 p.m. at the Agency office. Other Agency Board members present were Paul Morris, Neal Dalton, Dan Holyoak, Ned Dalton, Karl Tangren, George White and Bill McDougald.

Others present were Dale Pierson, Rhonda Riberia, Marsha Modine, John Chartier -Sunrise Engineering, Ned Kirk - Moab Golf Club, Richard Tangren, Clair Tangren, Garth Tangren, Bud Tangren, Doug Tangren, Layne Kabonic, D. L. Taylor - Chairman of Grand County Planning Commission, Brent Williams and Larry Johnson - Moab City, and Dave Cozzens.

Executive Session After discussion, it was determined that the Executive Session was not required.

**Executive
Session**

Minutes of March 24.1999 President Wilson called for additions or corrections to the minutes of the meeting of March 24,1999. Paul made a motion to approve the minutes as circulated to the Board. Seconded: Dan. Motion carried.

Citizens to be heard A letter from Susan Husch was presented to the Board offering information on how Fruita, Colorado treats their water. [A copy of this letter is filed with these minutes.]

**Citizens to
be heard**

Water Project

a) Water Rates Gary explained that the current proposed water rate structure was selected by the Water Conservation Committee. At the request of Board member Neal Dalton, all four possible rate structures were presented to the Board for discussion. Neal explained that the reason the Water Conservation Committee had selected the current proposed water rate structure was due to the amount of seasonal customers in the Valley. He added that the zero water usage fee would assure that these customers were paying their fair share, as many currently turn the water off and pay no fees until the water is turned back on again. Neal said he would like the Board to re-examine the other rate structures to see if there was one they approved of more. Bud Tangren asked if the current proposed rate structure would cover the bonds, as the Engineer's proposal stated average monthly fees required to repay bonds would need to be \$24.90, yet the Agency average customer would be paying only \$19.00. Dale and John Chartier explained that the \$19.00 was for the average residential user, the \$24.60 took into account the average of all users. John continued to say that the current proposed structure would indeed be sufficient. After further discussion no changes were made.

**Water
Project**

b. D. L. Taylor D. L. explained that he was here wearing two hats, one as the Chairman of the Planning Commission, and two as someone who had gone through many public hearings in the past. D. L. stated to Bud Tangren, that one of his concerns with Bud's proposal was the loss of irrigation water for agricultural usage. He agreed with Bud that some of the water has gone from that use, but noted that Bud's project would hasten that loss. D. L. continued that though he may not agree with all the reasons valley residents want Ken's Lake water to remain agricultural, he did agree that food and fiber were needed, and that the water had value beyond aesthetics. D. L. also noted that he had spent 17 years on the District Board, part of which was during the planning stage for Ken's Lake. D. L. noted that the original plan was to put in a treatment plant and sell both culinary and irrigation water from Ken's Lake, but that as time progressed Moab City decided they did not want to join the project. The District investigated water treatment plants and other options, and

came to conclusion that it was cheaper to pump wells. D. L. spoke in favor of the current Water Project, noting that Ken's Lake would not be looking all that shiny this year, and putting all the eggs in that lake for both culinary and irrigation water was not a good choice. D. L. said he agreed with Bud on one point, he didn't feel any of the old pipe needed to be torn out. Gary thanked D. L. for his comments.

c: Design Discussion George asked for clarification on the 4" pipe issue - why it was being replaced/torn out. Dale explained that two sections the 4" that had to be replaced were the older cast iron pipe at Bittle and Wagner. There was also a section of Spanish Valley Drive where the pipe was too small to service that area. John explained the problem with leaving two pipes parallel in the ground was that when a leak occurred it could be more time consuming to determine which pipe or valve had the actual leak. Larry Johnson noted that 4" pipe is not sufficient for fire flows, and regarding parallel pipes, valves had a tendency to break in the older system and you are unable to shut them off. Dale noted that prior to 1998 the minimum pipe for fire hydrants was 6", (4" in the '70's) but that the minimum had gone up to 8". Bud stated that was the exact point he was trying to make, that the project still didn't have a pipe big enough to do the job. Gary stated to Bud that he was welcome to ten minutes to present his proposal to the Board, after which the Board would be able to ask questions.

Bud stated he now agreed with many items in the current Water Project Design, but the Project still needed the water treatment plant, which would run \$1,500,000.00 and which would not have to be used at all. He suggested putting the water into the tanks if it was clean, and if it wasn't to run it through the plant first. Bud also suggested a 24" line to handle the projected buildout of 30,000 people in the Valley. He stated he asked an Engineer for the correct size needed for the buildout and 24" would do the job. Bud presented the cost and rough draft of his proposal [a copy of this proposal is filed with these minutes], noting that it was \$600,000.00 less than the Agency proposal. Bud also noted that the pipe sizes and fire flows were selected by a computer program. Bud stated that fire flows were not that bad in the Valley, and he did not feel that 50 new hydrants were necessary.

John Chartier explained the computer model program and how it extrapolates a final result from the data input. John explained that to meet state guidelines and requirements, the entire system must produce 20 psi at peak use and produce 1500 gallons per minute. At present the system cannot do this. John also explained that the first thing done was to examine if looping could save any of the existing pipe in areas that needed upgrading. He also stated that you never oversize. Looking at Bud's proposal, John noted that there did not seem to be a tank cost, engineering cost, bonding attorney cost, or a well house supply cost. These items would increase that proposal considerably.

Karl Tangren asked John to explain further about the problem with fire hydrants, as he had noted that at least 90% of the fire fighting done in the last 10-15 years had been done using a truck and not the hydrants. Brent Williams interjected that Corky Brewer, Moab Fire Chief, feels the Spanish Valley system is very inefficient. John explained that looking at the current system at the onset of the project showed that source, storage, distribution, and treatment were lacking. Source was very near state regulation limits, storage was under capacity, distribution showed poor pressures and fire protection.

Dale clarified the 30,000 resident buildout quoted for Spanish Valley actually includes Moab City, and that the Valley buildout was closer to 10,000. Karl asked if the 24" line could be used for storage. Dale explained that according to state laws, it could not. Gary thanked Bud and John for their time and comments.

Contract Paul explained that the Engineering Contract had been reviewed and updated by Steve Russell - GW & SSA Attorney, Va Kofoed - Sunrise Engineering, Dale, and himself. Ned commented that the contract seemed open ended, and that he had a few concerns that Sunrise would not be responsible for the preponderance of the work done by the contractor. Paul explained that the Engineer has to okay the payments because they approve the work, but that the work itself is guaranteed by the Contractor's contract, the Engineer guarantees what will happen. John Chartier said the Bonding Company was responsible for the performance of the work on the project, in the Engineering Contract portion of the Water Project. After discussion George made a motion to instruct the Staff to write a letter to Sunrise requesting they proceed with the portion of the contract that deals with the water quantification study, and to sign 'the Engineering contract. Seconded: Bill. More discussion clarified that this contract is a staged contract, giving the Agency control of each stage. Paul, Neal, Bill, and George voted aye. Ned, Dan, and Karl opposed. Motion carried.

1999
Irrigation
Season

1999 Irrigation Season Dale reported to the Board that the recent snowfall had increased the snow water content from 2% to 17% [report dated 4-5-99] but that that still would not be sufficient for the season. Dale presented the Board with an estimation of what supplemental irrigation pumping costs would be for this season, along with the costs paid in 1990 and 1996. Options presented to the Board were to ask customers if they could pump; having the Agency pay all supplemental costs; and splitting the cost with the customers. Ned Kirk - Moab Golf Club explained that they could pump, but that the pumping costs would be prohibitive for them. After discussion, Gary asked the Board members to consider the options heavily for the next meeting. Gary also requested Staff to send a letter to the irrigation customers requesting the following information: 1) are they able to pump, 2) would they be willing to pump if the Agency paid pumping costs, and 3) what quantity could they pump.

Sewer Project John Chartier reported there was 600' of mainline left to complete, and final completion looked to be in the near future. John also noted that the approved Bond closing was slated for May 27, 1999 at Richfield. John asked if possible, for Dale and another Board member to attend.

Check Approval Motion to approve checks made by Paul. Seconded: Dan. Motion carried.

Meeting adjourned at 9:36 p.m.

ATTEST:

Gary N. Wilson, President

Dale F. Pierson, Secretary/Treasurer