



MEMBERS OF THE BOARD

Sherwood G. Wilson, Chairman
Marc A. Verniei, Vice Chairman
Wayne O. Nelson, Secretary
F. Craig Meadows, Treasurer
William R. Knocke

Caleb M. Taylor, P.E.
Executive Director

Meeting Minutes
NRV Regional Water Authority Board

February 20, 2019

Board / Staff Members Present: Sherwood G. Wilson, Wayne O. Nelson, William R. Knocke, Caleb M. Taylor, Sharon T. Huff

Guests Present: Stevie Steele, CHA; Doug Hudgins, CHA; Mark Popovich, Gwynn, Waddell, Carroll, & Lockaby

Absent: Marc A. Verniel, F. Craig Meadows

Location: NRV Regional Water Authority

1. The meeting convened at approximately 4:00 p.m.
2. Secretary's Report:
 - a. Board minutes for the Wednesday, January 23, 2019 meeting were reviewed.
 - b. A motion to accept the January 2019 meeting minutes was made by Wayne and seconded by Bill. All were in favor.
3. Treasurer's Report:

The January financial report was distributed to Board members prior to the meeting. There was some discussion about the financial report. Everything was in order. A motion to accept the financial reports, as presented, was made by Wayne. Bill seconded the motion. All were in favor.
4. Executive Director's Report
 - a. Operations Highlights:

Staff has been working on SCADA at the raw water pump station. The copper lines have now been cancelled with Verizon. The Authority had been paying \$1,100 per month for the copper

lines. There was some discussion about how the meters are read. Caleb hopes to have the meters connected to the SCADA system in the future.

b. Metered Consumption:

For the month of January, consumption was 3.5% higher than the previous 5 years and the anticipated revenue for January is slightly higher than budgeted. Caleb provided the meter chart as well as the consumption reports in the Board packet.

c. Previous and Current Business

i. Water Treatment Plant Modernization:

The Phase 1 Contract 1 is progressing. The top soil has now been stripped from the site and stockpiled. Due to the wet weather, activities have been at a minimum.

Phase 1 Contract 2 bids were due on February 14th. Two bids were received. Caleb provided the Board with a letter from CHA with their bid recommendation on the project. Caleb pointed out that in July 2018, when the project was initially bid, the Authority received only one bid and that bid came in over budget. The bids from February 14, 2019 came in approximately \$1,000,000 lower than the original bid. There was some discussion about the timing of bidding this type of work as well as items that were value engineered to provide the savings. Wayne made a motion that we award the Phase 1 Contract 2 bid to Price Buildings, Inc. in the amount of \$2,414,000.00. Bill seconded the motion. All were in favor.

CMAR pre-construction services have started. Caleb expects to receive the 60% design documents around the first part of March. CHA and the architect had a follow up meeting with Authority staff on February 5, 2019 to review architectural items for the plant.

ii. Joinder Project (Prices Fork):

Testing of the lines and pump station have been re-scheduled for March 5th and 6th. Everyone involved in the start-up have been notified of the schedule change.

iii. Joinder Project (Plum Creek):

Easement negotiations and acquisitions are continuing. Fifty-four easements were needed for this project. Of the 54 needed easements, 11 have been signed for Phase 1 with 1 easement remaining. For Phase 2, 28 have been signed. There are 3 easements for Phase 2 that are currently being negotiated. The remaining easements are awaiting execution or documentation with other agencies. Revised design plans along with specs are being sent to VDH this week. Response to County comments were due February 15, 2019. CHA is working with VDOT on some design issues to get approval for the project's Land Use Permit. Caleb anticipates this project will be out for bid by the first part of March.

Stevie Steele went over the regional water model study that CHA is currently working on for the Authority. Stevie presented a regional map with the Authority and Authority member's models combined on one map. Stevie has already met with both the Town of Christiansburg and Virginia Tech on their respective water models and confirmed with the Town on how their tanks are filling and emptying along with existing system pressures. The Town agreed with their water model as well as Virginia Tech with respect to system pressures. Sherwood asked how the MCPSA is working with CHA on the model. Stevie anticipates meeting with the MCPSA Director next week. Once the model is complete, all the sampling locations will be updated in the model. Wayne asked if the red lines shown in the map for the MCPSA's water system connections are the future lines and if they line up with the Joinder Agreement. Stevie's map reflected the future lines that VDH has approved in the Authority and MCPSA's Preliminary Engineering Reports (PERs). Stevie identified where the Authority's Plum Creek transmission line ends in the PER and that VDH approved. Stevie described what information he had been provided by the MCPSA's engineer as updated system connections for the Plum Creek, Bethel and Mudpike water systems. MCPSA's engineer had explained to Stevie that there were some changes in the alignment routes and how the systems would be all interconnected. Stevie described these system connection changes and identified water age concerns with these proposed system connection changes. Wayne asked if this information on the MCPSA's system interconnections have been sent to VDH yet. Stevie said he understands that the MCPSA has had a preliminary engineering meeting with VDH. Stevie identified that with these system connection changes, there is now 1,800 feet more connecting the water systems. The Plum Creek system is now a dead-end system in the proposed model. Stevie identified that there is already a water age issue in the Plum Creek system receiving water from Radford and the new connections will only take the water longer to reach this water system. Sherwood believes that if Stevie believes that the proposed model could potentially cause issues then he believes that Stevie should write a letter to VDH expressing his concerns. Stevie mentioned how he has designed the Authority's system based on the approved PER. Wayne pointed out that the Joinder recommended that this project was supposed to extend the potential water out Route 8. With the changes that have been described, that isn't possible now. There was some discussion about why the MCPSA has made these system connection changes and why the information is just now being preliminarily brought out due to the water model effort. Based on the Mudpike system connection described at the meeting, there was some discussion on why this system change would be made because in either event, it is a dead-end system. As part of the discussion, it was asked if the Mudpike system had a wheeling fee associated with it since that system is currently being fed by the Town of Christiansburg. Caleb confirmed that the Mudpike system does have a wheeling fee. Sherwood asked how long it will take Stevie to run the models to see if these proposed system connection changes cause adverse water quality issues in the system. Stevie

believed he should know something fairly quickly. The MCPSA just provided CHA the proposed system connection changes for the model today. Stevie intends to have more information about this when he meets with the MCPSA. Stevie intends to ask why the MCPSA is deviating from the approved PER. Sherwood identified that if the meeting doesn't go well, then a special meeting may be needed to discuss this further.

iv. Authority Transmission System:

Caleb is going to be meeting with Jim in March to discuss this.

d. New Business

None at this time.

6. Public Comments: None.

7. Comments from Board: None at this time.

8. The meeting adjourned at 5:02.



Chairman



Secretary