

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

March 20, 2019

Board / Staff Members Present: Marc A. Verniel, Wayne O. Nelson, F. Craig Meadows, William R. Knocke, Caleb M. Taylor, Sharon T. Huff, Jim Gwynn, Gwynn, Waddell, Carroll, & Lockaby

Guests Present: Stevie Steele, CHA; Paula Moore, Whitman, Requardt, & Associates

Absent: Sherwood G. Wilson

Location: NRV Regional Water Authority

1. The meeting convened at approximately 4:06 p.m.
2. Secretary's Report:
 - a. Board minutes for the Wednesday, February 20, 2019 meeting were reviewed.
 - b. A motion to accept the February 2019 meeting minutes was made by Wayne and seconded by Bill. All were in favor.
3. Treasurer's Report:

The February financial report was distributed to Board members prior to the meeting. There was some discussion about the financial report. The statement of net position shows \$8.2 million in cash on hand. Craig indicated that the Authority was in good financial position to pay for some of the current capital improvements with cash. Everything was in order with the February financial report. A motion to accept the financial reports, as presented, was made by Craig. Bill seconded the motion. All were in favor.
4. Executive Director's Report
 - a. Operations Highlights:
None at this time.

b. Metered Consumption:

For the month of February, consumption was 7.5% higher than compared to the past five year's consumption. 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:

Phase 1 Contract 1 (Civil/grading work) is nearing completion. Weather permitting, the project should be substantially complete within the next 2 weeks. Phase 1 Contract 2 agreements and bonds are being executed. A coordination meeting between Phase 1 Contract 1 and Phase 1 Contract 2 contractors for transition over to building construction and project scheduling is being scheduled. Caleb and CHA are working to have Phase 1 Contract 2 to commence as soon as Phase 1 Contract 1 is complete.

CMAR Pre-Construction services have been initiated. Sixty percent documents were issued on March 4, 2019. There's a meeting scheduled with Ulliman Schutte on April 24 to review the 60% design plans, constructability and value engineering review and be provided a cost estimate for the proposed plant improvements. Caleb mentioned to the Board that it has been 3 years since the PER on the plant improvements was approved. Since that time, there has been some changes with the design improvements since the PER was approved as well as inflationary cost increases due to the construction market.

ii. Joinder Project (Prices Fork):

Testing was performed on March 5th and 6th. The contractor is working on some minor issues discovered at the pump station during the testing. Based on the pump station tests, there were no adverse pressure issues indicated by the Authority or Authority members. The new pumps performed at the certified pump rate and dynamic head as designed. Caleb anticipates taking ownership of the project sometime in April. Currently waiting on actuator and actuator parts to fix control valves and meters that were installed. After a final inspection from the health department, the pump station can be put into full service.

iii. Joinder Project (Plum Creek):

The easement acquisitions for Plum Creek Phases 1 and 2 are now complete. VDH has approved the design plans and specifications. CHA and Authority are now just waiting on approval from the County. Stevie recommended to the Board that Plum Creek go out for advertisement prior to receiving approval from the County. He did not anticipate any significant comments or changes that would warrant major changes to the design. The window for advertising this project is getting smaller as we move into spring. The Board agreed with Stevie's recommendation to advertise.

Stevie Steele with CHA updated the Board on the Regional Water Authority Water Quality Study. Stevie and Caleb have met with all Authority members. They met with MCPSA on 03/13/2019. All Authority members, except for the MCPSA, have provided the needed information and have had a positive response to the study. All current sampling locations for the Authority and Authority members have been located on the map for chlorine, fluoride, Total Trihalomethanes (TTHMs), and Haloacetic Acids (HAA5s). Water age will be determined by a reverse tracer study where fluoride is stopped from being fed and all sampling sites are tested daily for fluoride until the fluoride concentration falls to 0.0. Stevie pointed out his concern with water age and how the MCPSA was connecting the Plum Creek, Mudpike, Bethel, and Woodview water systems. Stevie also presented that his initial analysis of this new connection alignment made the water age change from 7 days old to over 20 days old to Plum Creek. The MCPSA's response to Stevie was that any water quality issue in the MCPSA's water system(s) was between the MCPSA and the Virginia Department of Health (VDH). Stevie asked again about changing the connection of these systems and deviating from the MCPSA's approved PER with VDH. Bob responded back with that was between the MCPSA and VDH and it was not the Authority's business. Craig confirmed that Bob did make that statement to Stevie when asked. Wayne asked if the PSA's engineering consultant attended the meeting. Stevie responded that the consultant was not at the meeting.

Stevie discussed the need to get data and information from Bob so that the MCPSA's water systems could be modeled and reflect current operations. Bob indicated that he changes his operations to what is needed and it is hard to pin that down. Stevie asked about MCPSA staff participating in sampling/testing for fluoride daily to determine the exact age of the water (especially in the Shawsville, Elliston, and Lafayette system. Bob said that they were busy and wanted someone from Christiansburg to let them know when their fluoride started to drop before entering his system before they began to sample/test. At the end of the meeting, Bob stated that the regional water model was too large and there were too many variables to make the model and the data meaningful. Stevie mentioned how the MCPSA indicated that the Water Authority should be delivering better than the required water in order to accommodate water aging in the MCPSA's system(s).

Stevie has called VDH and discussed the Regional Water Study with the Deputy Field Director in light of the proposed water system connection changes that the MCPSA is making. VDH told Stevie that they are going to review and approve the Water Quality study as an addendum to the Plum Creek PER. Based on the conversation that Stevie had with VDH, VDH realizes that they could approve a proposed waterline connection project (MCPSA) that may have water quality issues discovered during the water quality

study. VDH considered Stevie's discussion and concern and is going to hold the review and approval of the MCPSA's proposed alignment changes for 45 days.

Stevie stressed how important it is for him to get all of the needed information from all of the members to keep this project moving forward and meet the expectations of the Authority Board. Caleb identified that at some point CHA may be going over the original study budget because of the extra work being done to get participation and cooperation from the MCPSA. If so, there would have to be an amendment to the study requesting additional compensation for this effort. Caleb indicated that he did not think it was fair to the Authority or to the other three Authority members that are fully participating in this study to pay additional money for a member who is not participating at the same level. Marc asked if the Authority Board Chair needs to meet with the MCPSA Board Chair. Craig agreed with Marc's assessment and stated that the Authority Board Chairman meet with the MCPSA Board Chair fairly soon on these issues.

iv. Authority Transmission System:

Caleb and Jim met on Monday and made some recommended changes to the Restated and Amended Water Agreement. A copy of the draft agreement is attached to the minutes. Jim went over his recommendations with the Board. The main change is who is responsible for maintenance and repairs in the system and who is responsible for fire hydrants. Jim also just moved some things under different headers to help the document to be more cohesive. The plan is to take action on the document at the April meeting.


d. New Business


None at this time.

6. Public Comments: None.

7. Comments from Board: Bill mentioned the email that the Board members received from Blacksburg Town Council from the concerned town member about fluoride being added to the water system. It was mentioned that these issues have been brought up several times before. The Authority is feeding the recommended amounts from VDH, EPA and the CDC. Therefore, no action is needed.

8. The meeting adjourned at 4:50.


Chairman


Secretary