

At the Regular Meeting of the Greensville County Water and Sewer Authority, held on Tuesday, January 21, 2014, with Regular Session beginning at the conclusion of the Board of Supervisors meeting, in the Board Room of the Greensville County Government Building, 1781 Greensville County Circle, Emporia, Virginia

Present: Michael W. Ferguson, Chairman
Dr. Margaret T. Lee, Vice Chairman
Peggy R. Wiley

Absent: James C. Vaughan

Chairman Ferguson called the meeting to order.

In Re: Approval of Agenda

Mr. Whittington stated that Staff recommended approval of the Agenda with no added items.

Mrs. Wiley moved, seconded by Dr. Lee, to approve the Agenda as submitted. Voting aye: Dr. Lee, Mrs. Wiley and Chairman Ferguson.

In Re: Approval of the Consent Agenda

Mr. Whittington stated that Staff recommended approval of the Consent Agenda.

Dr. Lee moved, seconded by Mrs. Wiley, to approve the Consent Agenda consisting of the following items. Voting aye: Dr. Lee, Mrs. Wiley and Chairman Ferguson.

Approval of Minutes for the Call Meeting on December 30, 2013 and the Regular Meeting on January 6, 2014.

Warrants:

Approval of Accounts Payable for January 21, 2014, in the amount of \$107,198.55

In Re: Moores Ferry Road Preliminary Engineering Report

Mr. Moses Clements, Public Works/Assistant Authority Director, addressed the Authority stating that the Authority currently operated a Non-Community Water System at I-95, Exit 4. He stated that the existing system served a motel and two commercial entities. Mr. Clements stated that the Authority contracted with the consulting engineering firm of B&B Consultants, Inc. to examine three issues associated with the system and that B&B had completed their work and supplied the Authority with a Preliminary Engineering Report. He then stated that the issues were examined and the PER recommended the following:

- **Conversion to a Community Water System:** B&B determined that the existing water treatment system must be modified to meet the VA Department of Health's Community Water System requirements. The consultant evaluated two treatment options and selected Hydrous Manganese Oxide addition as the better alternative. The B&B analysis includes the long term costs associated with the chemical addition and the operation of the system. The total cost for the equipment and installation is \$81,225.
- **Potable Water Extension:** In order to serve the homes on the western side of I-95, the existing potable water system must be extended. B&B analyzed this proposed project and determined that the extension cost will be \$231,041. The project would serve 8 or 9 single family homes. This is a high cost per connection.
- **Increased Capacity:** The existing potable system is served by two water wells, which are designated by VDH as Well #2 and Well #3. Those wells currently handle the demand at the interchange and have a small amount of reserve capacity. The excess well capacity could handle a small user at the interchange, but it could not accommodate the addition of the families on Moores Ferry Road or another major commercial customer. Fortunately, the Authority has anticipated this demand and another well, which is designated as Well #4, has already been drilled and tested. The PER estimates that the cost to place the new well into service will be \$144,475.

Mr. Clements stated that implementing all three improvements were estimated to cost \$455,316 and that the proposed projects would not generate adequate revenue to fund the associated debt service. He then stated that therefore, staff recommended that the improvements be prioritized and implemented in the following order:

- (1) the addition of Well #4
- (2) the conversion to a Community System
- (3) the extension of service to the area west of the Interchange

Mr. Clements stated that the Authority Staff had identified a possible funding source for the first improvement and hopefully a firm would commit on those monies in the next 8-10 months. He then stated that locating funding for the other improvements would be a more challenging task.

There being no further business to discuss, Dr. Lee moved, seconded by Mrs. Wiley, to adjourn the meeting. Voting aye: Dr. Lee, Mrs. Wiley and Chairman Ferguson.

Michael W. Ferguson, Chairman
Greenville County Water and Sewer Authority