

RWSA BOARD OF DIRECTORS
Minutes of Regular Meeting
June 24, 2002

A regular meeting of the Rivanna Water and Sewer Authority (RWSA) Board of Directors was held on Monday, June 24, 2002, at 2:05 p.m., in the Conference Room, Administration Building, 200 Franklin Street, Charlottesville, Virginia.

Board members present: Mr. William Brent, Dr. Richard Collins – Presiding, Mrs. Judith Mueller, and Mr. Gary O’Connell

Board member absent: Mr. Robert Tucker

Authority staff present: Mr. Lawrence Tropea, Mr. Gene Potter, Mr. Stephen Bowler, Mr. Lonnie Wood, Mr. Bruce Edmonds, and Mrs. Mary Knowles.

Also present: Mr. Kurt Krueger - RWSA Attorney, Ms. Michele Mattioli – RWSA Citizens Advisory Committee, members of the public and media representatives.

1.0 Call To Order

The regular meeting of the RWSA Board of Directors was called to order by Dr. Richard Collins on Monday, June 24, 2002 at 2:05 p.m., and a quorum was present.

2.0 Minutes Of Previous Meeting

Upon a motion by Mr. Brent, and seconded by Mrs. Mueller, the Board of Directors voted to approve the minutes of the regular Board meeting held on Monday, May 20, 2002 with the following corrections to page 6, paragraph 3, lines 8 and 9, and paragraph 4, lines 4 and 5, “per thousand gallons” should be changed to “per gallon.” All members voted aye.

3.0 Executive Director’s Report

Mr. Tropea reported on the following items:

RESERVOIR LEVELS: Mr. Tropea stated that the water reservoir levels are at 95 percent today as compared to last Monday’s level of 97.5 percent. He also stated that the demand for water has increased, with a reading this week of 12.8 million gallons per day in contrast to the amount averaged during the first part of the year of about 10.4 million gallons a day. Mr. Tropea commended the Albemarle County Service Authority and the City on their water conservation efforts, which he felt is extending our existing supply of water and helping to institute an appropriate long-term water conservation ethic in our community. Mr. Tropea added that RSWA is maintaining the agreed upon in-stream release of about 8 million gallons per day from the South Fork Rivanna Reservoir and about 400,000 gallons per day

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from the Sugar Hollow Reservoir. He stated that the situation would be closely monitored, and the Board would be kept informed of any need to change our strategy.

RIVANNA PUMP STATION: Mr. Tropea stated that RWSA staff had developed a Request for Proposal ("RFP") to identify a firm to conduct the odor abatement study for the Rivanna Pump Station in the Woolen Mills neighborhood. He further stated that a Request for Qualifications ("RFQ") had been sent to qualified firms and responses to the RFQ are scheduled to be submitted to RWSA by July 11, 2002.

FY 2004 RWSA BUDGET: Mr. Tropea stated that Rivanna is moving forward with the infrastructure and long-term maintenance study. He further stated that he had asked Mr. Cole Hendrix to coordinate the staff effort, and he did not feel RWSA would need to utilize outside resources to assist with the study. He commented that, in his opinion, this very important project would provide the Board with a comprehensive view of the future capital needs and maintenance expenses that the Rivanna authorities will be facing in the next 5-10 years.

FUTURE WATER SUPPLY STUDY: Mr. Tropea stated that RWSA would have a recommendation for the Board at the July meeting. He added that he felt the recommendation would closely parallel what was presented to the Board several months ago, which was also the subject of a public hearing and public comment period. He noted that the public comments on the staff recommendation were very favorable, and there is significant community interest in moving forward.

Mr. Brent and Mrs. Mueller presented some preliminary numbers on the "10 percent water conservation campaign" currently underway by the City and the Albemarle County Service Authority. Mr. Brent reported that water consumption by Albemarle County Service Authority customers this past May was 14 percent less than in May 2001. He stated that all the factors contributing to the decline had not yet been determined, but he felt that voluntary water conservation played a significant role in the decrease of water usage. Dr. Collins inquired as to what other factors could play a role in the reduction of water consumption. Mr. Brent responded that he felt weather was the biggest variable but stated that he had not had an opportunity to compare the data to determine what impact weather conditions may have had on the May figures.

Mrs. Mueller reported that retail customers in the City used about 7 ½ percent less water in May 2002 than in May 2001, and that the City's largest institutional customer increased its water consumption by about 5 percent. She stated that the City would continue to track water consumption patterns and confer with customers who have increased water usage to determine the reason for this trend. She commented that on the retail side, it appeared that customers were heeding the "10 percent campaign" message. In response to questions from

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Dr. Collins, Mrs. Mueller affirmed that the referenced institutional customer was the University of Virginia. She also clarified that the City supplies water to the University's central grounds and the hospital. Mr. Brent added that any University facility not connected to the central grounds, and located outside the City limits, is served by the Albemarle County Service Authority.

4.0 Consent Agenda

Dr. Collins asked if there were any items that the Board members would like to pull for discussion regarding the Consent Agenda.

- 4a) Staff Report on Finance
- 4b) Staff Report on Operations
- 4c) Staff Report on Ongoing Projects
- 4d) Staff Report on Employee Safety
- 4e) Comprehensive Infrastructure and Maintenance Study Outline
- 4f) Report on Bathymetric Survey on the South Fork Rivanna Reservoir
- 4g) Rivanna Pump Station Request for Qualifications
- 4h) County Sampling Results for Crozet

In regards to Item 4g), Rivanna Pump Station Request for Qualifications, Mr. O'Connell inquired if RWSA planned to meet with the Woolen Mills neighborhood prior to the selection of a firm to conduct the odor abatement study. Mr. Tropea stated that the Authority intends to include the Woolen Mills neighborhood in the selection process.

In regards to Item 4e), Comprehensive Infrastructure and Maintenance Study Outline, Mr. Brent stated that it was his understanding from the May Board meeting that Rivanna staff would be conducting the study and that no outside resources would be needed to complete the process. He also inquired as to the estimated costs for the completion of the review and if the expenses would be covered in the budget. Mr. Tropea affirmed Mr. Brent's statement and reported that there were funds available in the budget to cover the cost, which he presently estimates to be \$5,000 to \$6,000. He further stated that the target date for the completion of the report is the end of August.

Dr. Collins asked for further clarification regarding the new permit for the South Rivanna Water Treatment Plant issued by the State Health Department. Mr. Tropea stated that at last month's Board meeting it was reported that the new permit for the expansion of the treatment plant apparently was not approved for the design capacity of the plant. He further stated that a comment was made at the May Board meeting that the limit imposed by the State was being restudied. Mr. Tropea reported that the State has since clarified their initial letter and granted RWSA approval to operate the treatment plant at its 12 million gallons per day design capacity. He pointed out that the safe yield for the South Fork Rivanna Reservoir

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is not 12 million gallons per day, which makes moving forward with the future water supply alternatives essential.

In response to a question from Dr. Collins, Mr. Potter explained that “safe yield” is a value set by engineering calculation, which determines the amount of available water under severe drought conditions. Dr. Collins then expressed his concerns regarding the impact that a continued high level of demand would have on the RWSA reservoir system and our ability to assure adequate water under continuing drought conditions.

In regards to Item 4f), Report on Bathymetric Survey on the South Fork Rivanna Reservoir, Dr. Collins stated that it was his understanding that last year there was an apparent gain in the storage capacity in the Rivanna reservoir. Mr. Tropea replied that the statement was correct, but he cautioned that the accuracy of the measurements, the possible consolidation of existing sediment, and the lack of a major precipitation event needed to be considered when evaluating the numbers. Dr. Collins also inquired as to how the annual loss figures were determined. Mr. Potter explained that annual loss is an average over the lifetime of the reservoir, and there has been, on average, a loss of 15 million gallons of capacity per year since 1966. Mr. O’Connell asked if the recent storm had any impact on the reservoir system.

Mr. Potter stated that because the rainfall was localized, it had a very short-term effect on the water level in the reservoir. In response to a question from Dr. Collins, Mr. Potter replied that, at this point, he does not anticipate RWSA conducting a similar bathymetric study next year, as this year’s study was performed to determine specifically what effect a non-major storm period had on sedimentation rates.

Upon a motion by Mrs. Mueller, and seconded by Mr. Brent, the Board of Directors voted to approve Items 4a), b), c), d), e), f), g), and h) of the Consent Agenda. All members voted aye.

5.0 Other Business

In regards to 5a), July 5, 2002 Holiday Request, Mr. Tropea stated that he is requesting that the Board approve July 5 as a special holiday for Rivanna employees. He noted that the Governor has granted State employees the day as an extra holiday, and Albemarle County and the Albemarle County Service Authority have also done the same for their employees.

Upon a motion by Mr. Brent, seconded by Dr. Collins, the Board voted to approve July 5, 2002 as a special holiday for Rivanna employees. Mr. Brent and Dr. Collins voted aye, with Mr. O’Connell and Mrs. Mueller abstaining from the vote.

After some additional discussion, the Board suggested that Mr. Tropea present the planned holiday schedule for both Authorities at the beginning of the year for Board approval.

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6.0 Other Items From Board/Staff Not On Agenda

There were no other items from the Board or the staff.

7.0 Items From The Public

Ms. Michele Mattioli, speaking on behalf of the RWSA Citizens Advisory Committee (“CAC”), stated that the Committee had previously submitted their recommendations to the Board on the Water Supply Study and the South Fork Rivanna Reservoir Draft Report, and she asked if there were any other issues the Board would like the CAC to address.

Dr. Collins suggested that the Committee review the State Health Department comments concerning RWSA’s Future Water Supply Recommendation. Mr. Tropea commented that the CAC could examine the issue, but he felt that the future water supply strategy was at a stage where a decision needed to be made in order to move forward on its implementation. He then suggested that the Committee research maintenance dredging at water supply reservoirs to assist the RWSA in the evaluation of that option. Mr. O’Connell also suggested that the CAC review the Infrastructure and Maintenance Study before it is submitted to the Board. Mrs. Mueller stated that she felt one of the major charges of the CAC was to assist the Board in communicating and educating the public on pertinent issues, and she suggested that the Committee investigate ways they could help facilitate that process. Dr. Collins commented that water conservation and drought management could become part of our future policy as a result of the implementation of the future water supply recommendations. He asked the CAC to consider studying what options are available for maintaining incentives for water conservation without negatively impacting RWSA’s revenues.

Ms. Mattioli thanked the Board for their input on future CAC projects and indicated she would brief the Committee on the Board’s suggested projects.

8.0 Closed Meeting

There was no need for a closed meeting.

9.0 Adjournment

Mrs. Mueller made a motion, which was seconded by Mr. O’Connell, to adjourn the meeting at 2:37 p.m.

Respectfully submitted,

Dr. Richard Collins – Chairman
For Mr. Robert Tucker
Secretary - Treasurer