

RWSA BOARD OF DIRECTORS
Minutes of Regular Meeting
July 30, 2001

A regular meeting of the Rivanna Water and Sewer Authority (RWSA) Board of Directors was held on Monday, July 30, 2001, at 2:05 p.m., in the Conference Room, Administration Building, 200 Franklin Street, Charlottesville, Virginia.

Board members present: Mr. Richard Collins, presiding, Mr. William Brent, Mrs. Judith Mueller, Mr. Robert Tucker, and Mr. Gary O'Connell (Arrived at 2:07 p.m.)

Authority staff present: Mr. Cole Hendrix, Mr. Gene Potter, Mr. Stephen Bowler, Mr. Lonnie Wood, and Ms. Carol Wiles

Also present: Mr. Kurt Krueger, RWSA Attorney, and the public

1.0 Call To Order

The regular meeting of the RWSA Board of Directors was called to order by Mr. Richard Collins, Chairman, on Monday, July 30, 2001, at 2:05 p.m. and a quorum was present.

2.0 Minutes Of Previous Meeting

Upon motion by Mr. Tucker and seconded by Mrs. Mueller, the Board of Directors voted to approve the minutes of the regular meeting held on Monday, May 21, 2001.

Upon motion by Mr. Tucker and seconded by Mr. Brent, the Board of Directors voted to approve the minutes of the regular meeting held on Monday, June 25, 2001.

3.0 Items From The Public

There were no items from the public.

4.0 Consent Agenda

Mr. Collins asked if there were any items that the Board members would like to discuss regarding the Consent Agenda items.

- 4a) Staff Report on Finance
- 4b) Staff Report on Operations
- 4c) Staff Report of Ongoing Projects

In regards to item 4a), Mr. Hendrix commented that the RWSA ended this year in the black and also below the budget.

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4.0 Consent Agenda Continued
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In regards to item 4b), Mr. Potter updated the Board of Directors on the reservoir levels.

Upon motion by Mr. Tucker and seconded by Mrs. Mueller, the Board of Directors approved items a), b), and c) of the Consent Agenda.

5.0 Other Business

In regards to item 5a) Citizens Advisory Committee Draft Minutes, there was no discussion.

In regards to item 5b) Planning Schedule – Future Water Supply, Mr. Potter discussed Planning Schedule – Future Water Supply, dated July 27, 2001, for the Board of Directors [listed below].

PLANNING SCHEDULE – FUTURE WATER SUPPLY – JULY 27, 2001

This tentative planning schedule for implementing actions resulting in adequate future water resources for the Charlottesville/Albemarle urban water service area is based on the recommendations in the May 2001 VHB revised draft report titled *Water Supply Project – Recommended Alternatives*. Staff input from VHB, O’Brien & Gere and RWSA is reflected in the development of this schedule.

Specific recommendations are:

- Alternative release at South Fork Rivanna Reservoir
- Water conservation
- Drought management
- Reduce sediment loads into South Fork Rivanna Reservoir
- 4’ crest controls on South Fork Rivanna Reservoir Dam.

The implementation of these measures will extend existing resources beyond the mid-point of the 50 year planning period. How far depends upon the benefits gained by conservation, drought management, reducing sediment loads and the accuracy of future demand projections. None of these measures preclude future implementation of other recognized alternatives such as dredging, increased reliance on Chris Greene Lake, indirect reuse, etc.

August 1, 2001 RWSA staff presentation to Albemarle County Board of Supervisors. 10:00 a.m. Room 241, Albemarle County Office Building.

August 16, 2001 RWSA staff presentation to Albemarle County Service Authority Board of Directors. 9:00 a.m. Board Room, ACSA Office Building.

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5.0 Other Business item 5b) Planning Schedule – Future Water Supply Continued
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- August 20, 2001** RWSA staff presentation to Charlottesville City Council. 7:30 p.m. Council Chambers, City Hall.
- September 27, 2001** Public hearing. 7:00 p.m. Monticello High School Forum.
- October 22, 2001** RWSA staff recommendation to RWSA Board of Directors; RWSA Board of Directors recommendation/resolution to Charlottesville City Council, Albemarle County Board of Supervisors and Albemarle County Service Authority Board of Directors. 2:00 p.m. – Moores Creek Wastewater Treatment Plant Administration Building Conference Room.
- November 2001** Request from City and Service Authority to RWSA to proceed with additional impoundment per Section 4.3 of the Four Party Agreement dated June 12, 1973.

This is the earliest date at which a decision to go forward can be made. Any significant changes in the recommended alternatives will extend the planning period. All subsequent dates are based on a November decision date.

Following the decision to proceed, the study team will initiate efforts to complete permit applications (Corps of Engineers, Federal Energy Regulatory Commission, Virginia Department of Environmental Quality) for the 4' crest controls. As a precedent to filing the applications, an agency coordination meeting will be held, and final revisions made to the *Recommended Alternatives*, based on public and agency input. Also at this time, several key steps will be taken to complete required environmental documentation and follow up on major issues. Certain of these, such as mitigation, details, will carry over into the Permit Process, and will be finalized prior to permit approval. The following will be initiated:

- Final justification of purpose and need
- Phase I cultural resources survey
- Detailed wetland impacts
- Avoidance and minimization
- Mitigation, site feasibility and concepts
- Coordinate with Fish and Wildlife Service/Department of Game and Inland Fisheries
- Coordinate with VDOT and begin design studies (Ivy Creek bridge)
- Identify necessary property acquisition (field survey and research)
- Permit support document.

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 5.0 Other Business item 5b) Planning Schedule – Future Water Supply Continued
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- March 31, 2002** File permit applications with regulatory agencies.

Following submittal of permit documents, public notices will be issued and comments sought by the agencies. It is possible that hearings could also be scheduled. The approval processes will require careful coordination, and likely follow up documentation or revisions. The permit processes involve considerable back-and-forth discussions with the agencies, and may involve numerous iterations in order to address concerns and provide additional technical justification. Agency meetings will also be required.

February 28, 2003 Projected permit approval date.

Bringing the 4' crest controls on line will involve a series of interrelated events. Since the bladder could be installed and not inflated, its design and installation need not wait for certain other issues, such as property acquisition and clearing to be fully resolved. It is further assumed that bridge replacement of the Ivy Creek bridge need not be complete prior to placing the bladder into service. The following items will need to occur during this timeframe:

- Regulatory approval from FERC and/or Virginia DCR Division of Dam Safety for the crest control. Order and install the bladder
- Bridge work (final design and construction)
- Property acquisition
- Clearing/land preparation
- Local permit approvals.

January 31, 2006 Complete construction.

Project Completion: Once all implementation items are complete, the bladder could be inflated, and the reservoir could reach the new pool level relatively quickly, depending on the time of year, due to the large drainage area of the reservoir.

Based on the above schedule, the 4' crest controls could provide additional safe yield by February 2006. Other short term strategy items could be implemented during this timeframe, and it is possible that the effects of conservation and drought management would begin to be realized, although not at the estimated 2050 levels. Furthermore, currently permissible alternate release regimes could be employed in the event of a severe drought during the construction timeframe.

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5.0 Other Business item 5b) Planning Schedule – Future Water Supply Continued

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Both Charlottesville and Albemarle have in place ordinances that facilitate demand management during emergency situations. Triggers were intentionally not specified in order to allow flexibility consistent with the emergency condition. Further, both jurisdictions have

begun to implement water conservation programs with budgeting to continue those efforts. These considerations are not addressed further in this planning schedule.

There was discussion by the Board regarding the installation of the bladder on the South Rivanna dam and the replacement of the Ivy Creek Bridge. The Board asked that Mr. Potter include in his presentation to the City Council, Board of Supervisors and Albemarle County Service Authority information on Dredging.

In regards to item 5c) Ragged Mountain Dams Analysis, Mr. Potter gave a brief overview of the current status on the Ragged Mountain Dams. He stated that the current status reflects a finding that the dams do not satisfy current dam safety regulations with respect to the spillway capacity and resolution of stability analysis requirements. Mr. Potter stated that it is recommended to the Board that staff prepare a Request for Proposals to begin the selection process to study these outstanding issues. Mr. Potter stated that the timing of this study would be with the next fiscal year budget due to there being no funding allocated in the current operation budget. The Board agreed with the recommendation.

6.0 Other Items From Board/Staff Not On Agenda

There were no items from the Board or staff not on the agenda.

7.0 Items From The Public

Mr. Martin, Free Union, Virginia, stated that he applauded the chairman's comments and found them highly enlightening.

Mr. Martin commented on the planning schedule in reference to the Four Party Agreement of 1973. Mr. Martin stated if you will examine this it contemplates the Service Authority, the City and Rivanna will make the final decision and the County is excluded. He said that this is based on one sentence contained in the Four Party Agreement which was discussed extensively a year ago and he thought this was resolved with the County being a full party to the decision making.

Mr. Martin also stated in respect to dredging that this could be looked at as a one time event, or this could also be looked at as a continuous low impact operation. Mr. Martin said that there could be a small dredge in the reservoir all the times - 365 days a year.

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7.0 Items From The Public Continued

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Mrs. Lois Rochester stated that several months ago there was a procedure in writing for the decisions regarding the water alternatives that does include the County and the City, which goes beyond the Four Party Agreement.

8.0 Closed Meeting

Mr. Brent moved and Mrs. Mueller seconded a motion that the Board of Directors of the Rivanna Water and Sewer Authority enter into a closed meeting for matters permitted by § 2.1-344 (A) (1) of the Code of Virginia, for personnel matters relating to appointing new members to the Citizens Advisory Committee.

9.0 Resumption of Open Meeting

Upon a motion by Mr. O'Connell and seconded by Mr. Brent, the Board of Directors voted to end the closed meeting and reconvene the open meeting at 3:10 p.m.

Mr. O'Connell made the following motion, which was second by Mr. Tucker:

R E S O L U T I O N

WHEREAS, the Rivanna Water and Sewer Authority has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act; and

WHEREAS, Section 2.1-344.1 of the Code of Virginia requires a certification by this Rivanna Water and Sewer Authority that such closed meeting was conducted in conformity with Virginia Law;

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Water and Sewer Authority hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the executive meeting to which this certification resolution applies, (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Rivanna Water and Sewer Authority.

There being no further discussion, Mr. Collins called for a roll call vote:
Mrs. Mueller-Aye, Mr. O'Connell-Aye, Mr. Collins-Aye, Mr. Tucker-Aye, and
Mr. Brent-Aye

10.0 Comments From the Board of Directors

Mr. Brent moved that Mr. Merrill E. Bishop and Ms. Michele Mattioli be appointed to the Citizens Advisory Committee with the term for each position beginning now and ending December 31, 2003, seconded by Mrs. Mueller. All voted aye.

11.0 Adjournment

Mrs. Mueller made a motion for adjournment, which was seconded by Mr. Tucker. The Board voted that the meeting be adjourned at 3:15 p.m.

Respectively Submitted,

Mr. Robert Tucker
Secretary - Treasurer