

**A RESOLUTION
APPROVING A LOCAL WATER SUPPLY PLAN
FOR THE CITY OF CHARLOTTESVILLE**

WHEREAS, on June 2, 2008, the Charlottesville City Council adopted a Resolution approving a local water supply plan for the City of Charlottesville, a copy of which is attached hereto; and,

WHEREAS, since the adoption of the June 2008 Resolution the Council has considered additional information provided by members of the public and commissioned additional studies and investigations regarding the feasibility of various options and the available alternatives within the water supply plan; and,

WHEREAS, during the consideration of the available options for a water supply plan the City Council has continued to place a strong emphasis on developing a water supply that would (1) meet the needs of the community for the next 50 years; (2) be within a watershed area locally controlled by Albemarle County; and (3) represent the least environmentally damaging, practicable alternative; and,

WHEREAS, after a thorough examination of the available alternatives with due consideration to the financial and environmental consequences of the proposed plan and the possible alternatives that would meet the community's potable water needs for the next 50 years;

NOW, THEREFORE, BE IT RESOLVED by the Council for the City of Charlottesville that the Council hereby adopts and reaffirms its June 2, 2008, approval of the local water supply plan with the following components and modifications:

- To aggressively promote conservation of water and reduction in leakage in the next 20-40 years;

- To conduct restorative hydraulic dredging of at least Segments 1 – 3 of the South Fork Rivanna Reservoir, (areas identified in the “South Fork Rivanna Reservoir Dredging Feasibility Study” prepared by HDR Engineering, Inc.), and to conduct continuous maintenance through hydraulic dredging of the South Fork Rivanna Reservoir. The Rivanna Water and Sewer Authority shall seek a separate state permit for these activities;
- To commit to adequate water flow to the Moorman’s River and South Fork Rivanna River, as expressed in the initial joint permit application for the water supply plan;
- To keep in place the pipeline from the Sugar Hollow Reservoir to the Ragged Mountain Reservoir for use in the event of a failure in the water transmission system;
- To permit a dam with a height of up to 42’ by adding additional feet to the existing dam or by constructing a new dam up to a height of 42’. In case the existing dam is built upon, improvements, repairs and modifications to the existing spillway structure will be constructed to bring the dam into compliance with all applicable dam safety laws and regulations. The construction is to be done in phases – the first phase being the construction of a 30’ raise to the current height of the dam and construction of up to an additional 12’ as needed based on ten-year evaluations of actual use and population growth. The dam will be filled in phases, as water is needed.

- A new 36 inch transmission pipeline from the South Fork Rivanna Reservoir to the expanded Ragged Mountain Reservoir, which will replace the 18 inch pipeline from the Sugar Hollow Reservoir, constructed in 1927;
- The complete replacement of the piping and pumping transmission system between the Ragged Mountain Reservoir and the Observatory Water Treatment Plant, which will replace the two cast iron pipelines constructed in 1908 and 1949 and the Royal Pump Station;
- A major overhaul of the Observatory Water Treatment Plant to advance public health by providing state-of-the-art facilities that will increase the Plant's rating to 8 million gallons per day;
- The expansion of the capacity of the South Fork Rivanna Water Treatment Plant to 16 million gallons per day; and,
- The expansion of the capacity of the Observatory Water Treatment Plant to 10 million gallons per day; and,

BE IT FURTHER RESOLVED that the construction of the improvements contemplated by this water supply plan is contingent on the approval by City Council of a cost allocation agreement for each component of the plan between the City, the Albemarle County Service Authority and the Rivanna Water and Sewer Authority, and City Council's approval of any agreement required for the use and / or conveyance of City-owned assets. The City of Charlottesville will be credited with the sale price of trees cut and sold due to the development of the dam and additional water impoundment.

BE IT FURTHER RESOLVED that all prior resolutions and actions taken by City Council approving the components of a local water supply plan that are inconsistent

with this Resolution are hereby superseded by and replaced with the provisions of this Resolution. This plan will be reevaluated in ten-year increments based on actual use and actual population.

The Clerk of Council is directed to send a certified copy of this Resolution to the respective Chairs of the Albemarle County Board of Supervisors, the Albemarle County Service Authority Board of Directors and the Rivanna Water and Sewer Authority Board of Directors.

Approved by Council
September 20, 2010

Clerk of Council