

## COUNTY OF ALBEMARLE



### DEPARTMENT OF ENGINEERING & PUBLIC WORKS

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#### MEMORANDUM

**TO:** Joan McDowell, Principal Planner

**FROM:** David J. Hirschman, Water Resources Manager

**DATE:** June 25, 2003

**SUBJECT:** White Papers for Rural Areas Comprehensive Plan Update

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The Water Resources Staff has prepared two papers that are relevant for the Rural Areas Comprehensive Plan update. These include:

1. Technology Choices for Water & Wastewater: At work sessions for the Rural Areas, the Board and Commission requested information on technologies that may be applicable for the Rural Areas. The paper provides an overview of the various technologies as well as management structures that are needed to ensure long-term operation and maintenance.
2. The Albemarle County Rural Area as a Source of Watershed Ecosystem Services: This paper provides a science-based approach for understanding how various land uses and land use changes effect water resources. The paper is a direct outgrowth of the Watershed Manager's recently completed report on the South Fork Rivanna Reservoir and a citizen input meeting sponsored by the County and Rivanna Water & Sewer Authority about the report and management recommendations for the reservoir watershed. One outcome of those previous efforts was to stress the importance of the County's Rural Area policies for long-term protection of the South Fork Rivanna Reservoir and other water resources. The white paper provides a foundation for exploring several policy options.

Both Stephen Bowler and myself are available to discuss the papers and attend work sessions for the Rural Areas Comprehensive Plan update.

/djh

Copy: Mark Graham, Director of Engineering & Public Works