

**Memorandum of Agreement on Collaborative Purchase of Land Cover and Impervious
Surface Mapping Products**

Parties: Albemarle County (with product to be used by Albemarle Community Development Department, Albemarle General Services Department, and Albemarle Natural Heritage Committee), The Nature Conservancy, Rivanna River Basin Commission, and Stream Watch.

Background and General Purpose of Agreement: Parties have similar needs for spatial data interpretation and classification in a geographic area comprising Albemarle County and the Rivanna River Basin. Jurisdictions in the Rivanna River Basin include Charlottesville, major portions of Albemarle, Fluvanna, and Greene Counties, as well as small portions of Louisa, Nelson, and Orange Counties.

To minimize cost and to ensure coordinated data development across the area of interest, parties wish to pool funds and collaboratively design, order, and purchase land cover and impervious surface maps of the area.

Data Sharing: All parties will receive copies of GIS data and all other products resulting from the mapping project and will jointly own these products. The product will be available to other organizations and the public free of charge.

Product Specifications:

- 1) Land cover map to be based on the most recently available 1-meter or 1-foot Virginia base map aerial imagery.
- 2) Land cover classifications: deciduous forest, coniferous forest, mixed deciduous/coniferous forest, open land, and impervious surface.
- 3) The mapping vendor will not perform classifications within the City of Charlottesville. Charlottesville has independently developed an impervious surface map, and has offered to share this data with the parties. However, Charlottesville's impervious surface data will be integrated into the final product by the vendor.
- 4) Impervious surfaces have been independently mapped by Albemarle County. The mapping vendor therefore will not need to identify Albemarle impervious surfaces. However, Albemarle impervious surfaces will be integrated into the final product by the vendor. The vendor will classify deciduous forest, coniferous forest, mixed deciduous/coniferous forest, and open land in Albemarle County.

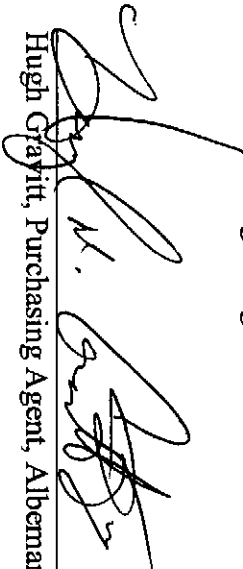
Quality Control: Product quality review will be performed by Chris Bruce of The Nature Conservancy and Damon Pettitt of Albemarle County. Other parties may participate in the review or may review data independently, with final QC determinations to be made by TNCC.

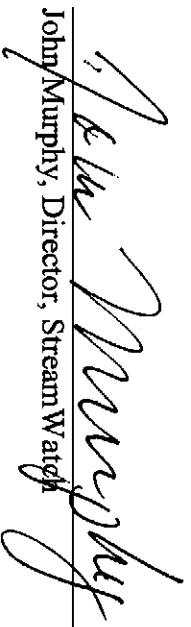
Contract Management: Rick Odom, Chair of Albemarle Natural Heritage Committee, will serve as Project Manager. Duties to include finalization of design, evaluation of prospective vendors' quality assurance/quality control methods, negotiation of contract, communication with vendor during course of project, and final determination of vendor performance and payment release.


Thomas Jefferson Soil and Water Conservation District to serve as Fiscal Agent. Funds to be deposited to TJSWCD by respective partners prior to commencing contract. Contract shall not be entered until all partners have agreed on project specifications, cost distribution, and contract terms, and not until all partners have deposited their share of purchase cost to TJSWCD. The Nature Conservancy's contribution will be by separate grant agreement between The Nature Conservancy and Thomas Jefferson Soil and Water Conservation District.

Cost and cost sharing: Total cost of product not to exceed \$75,000. TNC to contribute \$7,000. Stream Watch to contribute \$7,000. Remainder of cost to be split 49%-51% between Albemarle County and the Rivanna River Basin Commission, respectively.

We the undersigned agree to the terms set forth in this Memorandum of Agreement.


Hugh Grayitt, Purchasing Agent, Albemarle County
Date October 17, 2007


John Murphy, Director, Stream Watch
Date 10/18/07


Bill Kittrell, Acting Virginia State Director, The Nature Conservancy
Date 10/23/07


Sally Thomas, Chair, Rivanna River Basin Commission
Date Oct 18, 2007